

**DISMANTLE**



**CLEAN**



**LUBRICATE**



**MOUNT**



**PROTECT**

**ORAPI<sup>®</sup>**  
**ENGINEERED SOLUTIONS WORLDWIDE**

High technology products  
for maintenance and process.



Over the last 40 years, ORAPI Group showed its difference by working hand in hand with his customers all around the world.

ORAPI has a leading position established on all 5 continents. Orapi formulates, produces and supplies all high technology consumable products for maintenance and cleaning of tooling and machines in any field of activity: process, industrial maintenance, agriculture, transport, local authorities, air and water treatment. We constantly innovate and help our customers to evolve offering them more than 7000 products.

With them we grow, our success and our customers are inseparable. In order to help them, we constantly work with following purposes:

- Bring best possible technical support in developing high technology products related to their needs and work specifications.
- We innovate in R & D to create expected products by the business of tomorrow while preserving our environment.

We do our best to develop a service oriented spirit within our teams with permanent quality search.

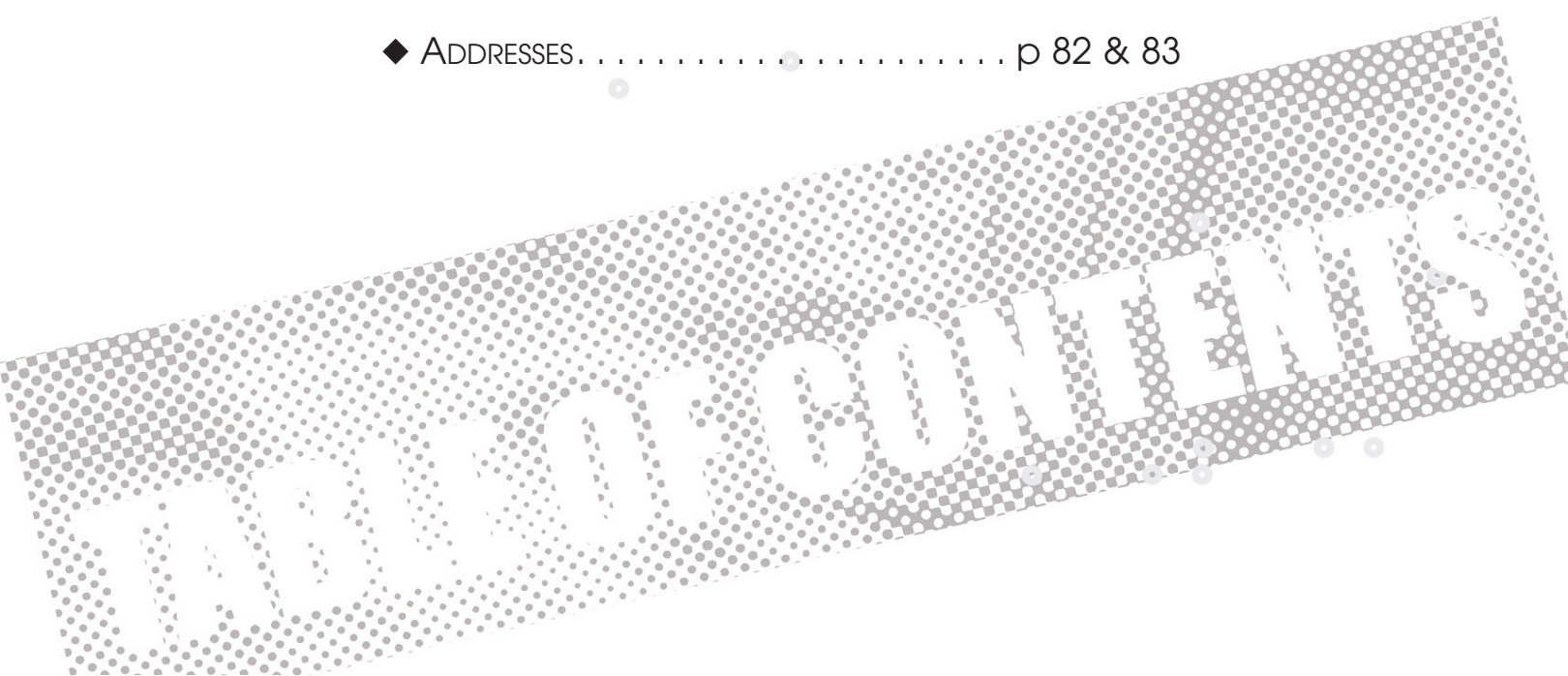
ORAPI is brands responsible group with great commitment for mankind and environment.

Guy Chiffлот





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# QUALITY

We have got involved in a quality and environmental management system that led to a double certification ISO 9001 and ISO 14001 in January 2004. This involvement, achieved thanks to our teams commitment, leads us to respect all legal requirements like REACH, biocidal product directive. This leads us to improve our efficiency, our environmental effectiveness, our pollution prevention and to produce products always conform to our specifications. Our process leads us to always carry the best to our customers in order to guaranty their satisfaction and leads us to a continuous improvement policy.



## Approval programs



Aeronautical



Automotive industry



Rails



Ship industry



French army



NATO



Air Liquide/  
Gaz de France



Cooling industry



Food approved (FDA)



INS



NSF



EDF



Dismantle - Clean  
Lubricate



**DISMANTLE**



# SUPER PENETRATING OILS

## REDUCE 4 800

**super powerful**

Very quick action. Wetting, penetrating, rust remover, cleaner, water-repellent and phosphating. For very difficult dismantling without thread damage. Properties: anti-rust, anti-corrosion, anti-wear, lubricant. All usage in mechanics.



4800 A2	Aerosol 405 ml	x 12
4800 A5	Aerosol 800 ml	x 12
2800 i1	Spray 500 ml	x 12
2800 J1	Can 5 l	x 4
2800 O1	Drum 20 l	x 1

## DEGRILUB 801

**lubricant**

Indispensable product in mechanics. Frees, protects and lubricates. It's very good wetting power makes it very efficient on small mechanisms: bolts, screws... Preventive lubricant to avoid seizing: locksmith, automotive, industry...

4801 A4	Aerosol 650 ml	x 12
2801 i2	Bottle 1 l	x 12
2801 J1	Can 5 l	x 4
2801 O5	Drum 60 l	x 1

## REDUCE 7 814

**not flammable**

With no flash point. Eliminates residues, glue stains, paint. Penetrates, frees and eliminates carbon deposits. For all industries where prevention of fire risks is important: ironworks, glass factories, mines, tunnels...

4814 A4	Aerosol 650 ml	x 12
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## NANOLUBRICANT® 2025

**high technology**

Anti-seizing, lubricant, penetrating. Water repellent and anti-corrosion. Very quick action. Does not contain silicone. Nanolubricant®: the high performance technology. Loosening effort divided by 5. Productivity increased.

42025A4	Aerosol 650 ml	x 12
22025 i4	Spray bottle 1 l	x 12

## REDUCE AL 799

**food industry**

Fluid with low surface tension. Infiltrates, penetrates, cleans, anti-seizes and lubricates. Preventive and curative action against rust. For all kind of seized mechanism, small tools, conditioner, fastenings, plumbing, manufacturing and packing of food...



4799 A2	Aerosol 405 ml	x 12
2799 i2	Bottle 1 l	x 12
2799 J1	Can 5 l	x 4

## DEGRYP'BIO® 817

**biodegradable, without VOC**

For difficult dismantles in area where environmental protection is essential: forest, rivers, lakes, seas, gardens... Formulated for a minimum impact on nature, with vegetable raw materials for lubricating and grease and tar removing. Quick action. Wetting, penetrating, water repellent, anti-rust and anti-corrosion.

Flash point > 150°C



4817 A4	Aerosol 650 ml	x 12
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## REDUCE 2N 815

**without chlorine, sulphur or fluorine**

Anti-seizing and lubricating fluid with high penetration power. Dissolves residues left by mounting pastes. Lubricates and protects. Penetrates, eliminate rust, desolves tar and dirt on most seized pieces, infiltrate in most narrow interstices. Very efficient against salt water corrosion.



PMUC	6815 A2	Aerosol 405 ml	x 12
PMUC	6815 i2	Spray bottle 1 l	x 12
PMUC	6815 J1	Can 5 l	x 4
PMUC	6815 O1	Drum 20 l	x 1

## WR + 805

**5 functions, over 1000 uses**

Get rid of humidity by repelling water on metal and eliminate short circuits. Penetrate quickly through infiltration in interstices, frees pieces assuring a constant work. Protects, leave a thin lubricant and anti-corrosion film. Cleans and penetrates itself under dirt.

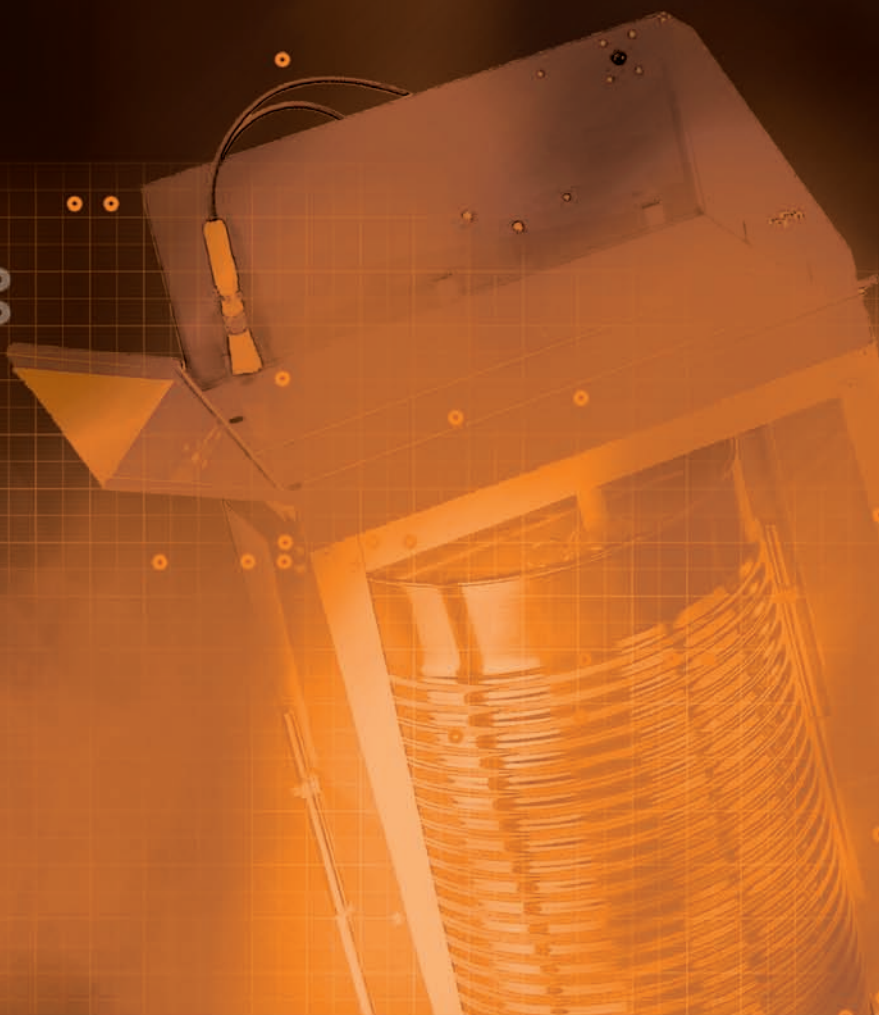


4805 A4	Aerosol 650 ml	x 12
2805 i2	Bottle 1 l	x 12
2805 J1	Can 5 l	x 4





Remove grease - Strip  
Disinfect



CLEAN  
**CLEAN**



# STANDARD SOLVENTS

## ORASOLV B30 564

### quick evaporation

Appropriate solvent for metallic surfaces, mechanical and electrical parts in cleaning between operations. Penetrates deeply and dissolves greasy deposits and oils. Leaves a perfectly dry surface. Can be used in finishing works.

Colour: colourless  
Flash point: >30°C  
Compatible with part washers  
Di-electrical strenght: >40kV

2564 i2	Bottle 1 l	x 12
2564 O1	Drum 20 l	x 1
2564 U2	Drum 200 l	x 1

## ORASOLV B40 567

### multipurpose

Cleaning solvent with quick evaporation. For complete degreasing of all mechanical parts and metallic surfaces. Cleans electrical motors coil windings (dismantled). Penetrate deeply and dissolves greasy deposits and dirty oil.

Colour: colourless  
Flash point: >40°C  
Compatible with part washers  
Di-electrical strenght: >40kV

2567 i2	Bottle 1 l	x 12
2567 J1	Can 5 l	x 4
2567 O5	Drum 60 l	x 1
2567 U2	Drum 200 l	x 1

## ORASOLV B60 571

### security anti corrosion

Degreasing of all metallic surface, even very greasy. Slow evaporation, leaving a light anti-corrosion film. Advised for soaking for stubborn deposits.

Colour: colourless  
Flash point: >61°C  
Compatible with part washers and ultra sonic bath  
Di-electrical strenght: >40kV



2571 i2	Bottle 1 l	x 12
2571 J1	Can 5 l	x 4
2571 O1	Drum 20 l	x 1
2571 O5	Drum 60 l	x 1
2571 U2	Drum 200 l	x 1

# NONE FLAMMABLE SOLVENTS

## SDI NEW 504

### super industrial degreaser

Extremely powerful degreaser: carbonised greases, synthetic fluids, fuels, tar, gums, varnish and hydrocarbons deposits. Immediate drying. Surface preparation before gluing or painting.

Colour: colourless  
Odour: light orange fragrance  
Not flammable

4504 A5	Aerosol 800 ml	x 12
2504 J1	Can 5 kg	x 4
2504 O5	Drum 60 kg	x 1
2504 U2	Drum 200 kg	x 1

## A 90 H 508

### cleaner for electronics

High security for cleaning of contacts under load. Quick and total evaporation. Cleans electrical circuit boxes, coil windings, printed circuits, precision electronical devices (relays, connectors...). Defluxing solvent. Does not stain. Does not promote the oxidation of pieces after drying. No effect on plastics.

Colour: colourless  
Flash point: not flammable  
Dielectric strenght: >50kV

4508 A4	Aerosol 650 ml	x 12
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## ORASOLV A05 518

### cleaner and stripper

For surfaces preparation. Perfectly dissolves grease, tar and oil deposits, resins, glues inks and paints. Quick and total evaporation. Leaves a dry, clean surfaces, without any residue.

Colour: colourless  
Not flammable  
Di electrical strenght: >60 kV  
Kauri Butanol index (IKB): 135

2518 i2	Bottle 1 kg	x 12
2518 J1	Can 5 kg	x 4
2518 O1	Drum 20 kg	x 1
2518 O5	Drum 60 kg	x 1
2518 U2	Drum 200 kg	x 1



# HIGH TECHNOLOGY SOLVENTS

## ORASOLV K1 536

### reinforced solvent power

Very efficient for difficult degreasing. Wide action spectrum. Dissolves oils, greases and tars on very dirty surfaces. Immediate drying and no residues after evaporation.

Colour: colourless  
Compatible with part washers  
Di-electrical strenght: >40kV  
Kauri Butanol index (iKB): >82

2536 i2	Bottle 1 l	x 12
2536 O5	Drum 60 l	x 1
2536 U2	Drum 200 l	x 1

## ORASOLV L 512

### quick evaporation

New generation solvent appropriate for all mechanical and electrical parts, not under load. Cleans quickly and leaves a perfectly dry surface

Colour: pale green  
Flash point: >30°C  
Compatible with part washers  
Di-electrical strenght: > 40kV  
Kauri Butanol index (iKB): >70

2512 i2	Bottle 1 l	x 12
2512 J1	Can 5 l	x 4
2512 O5	Drum 60 l	x 1
2512 U2	Drum 200 l	x 1

## ORASOLV M1 511

### multipurpose for workshops

Especially formulated for the de-greasing of all mechanical parts and metallic surfaces in workshops. Penetrate deeply and dissolves greasy deposits and sludge on mechanical parts.

Colour: green  
Flash point: >40°C  
Compatible with part washers  
Di-electrical strenght: >40kV  
Kauri Butanol index (iKB): >72



2511 i2	Bottle 1 l	x 12
2511 J1	Can 5 l	x 4
2511 O1	Drum 20 l	x 1
2511 O5	Drum 60 l	x 1
2511 U2	Drum 200 l	x 1

## ORASOLV P 540

### very high dissolving power

Formulated for the quick and complete de-greasing of any very dirty surface. Can work as a protection between machining operations.

Colour: pale green  
Flash point: >61°C  
Compatible with part washers and ultra sonic baths.  
Di-electrical strenght: >40kV  
Kauri Butanol index (iKB): >60



2540 i2	Bottle 1 l	x 12
2540 J1	Can 5 l	x 4
2540 O1	Drum 20 l	x 1
2540 O5	Drum 60 l	x 1
2540 U2	Drum 200 l	x 1

## ORASOLV P2 541

### high efficiency and security

High technology solvent, advised for soaking for stubborn deposits. Cleans engine blocks, flanges, coil windings.

Colour: pale green  
Flash point: >61°C  
Compatible with part washers  
Di-electrical strenght: >40kV  
Kauri Butanol index (iKB): >70

4541 A4	Aerosol 650 ml	x 12
2541 O1	Drum 20 l	x 1
2541 O5	Drum 60 l	x 1
2541 U2	Drum 200 l	x 1

## NATUR'SOLV 582

### vegetable solvent

New generation high technology solvent made from vegetable oils. Excellent degreaser tar remover. Penetrate deeply and dissolves greasy deposits and dirty oils. Protects against corrosion, no VOC.

Colour: colourless  
Flash point: >150°C  
Compatible with part washers  
Di-electrical strenght: >40kV  
Kauri Butanol index (iKB): 60



2582 i2	Spray bottle 1 l	x 12
2582 J1	Can 5 l	x 4
2582 O1	Drum 20 l	x 1
2582 U2	Drum 200 l	x 1





# FOOD APPROVED SOLVENTS

## ORASOLV A 568

### very quick drying

Dry solvent. Penetrate deeply and perfectly dissolves greasy deposits and glues. Does not promote metal oxidation after drying. Soluble in water. Can be used for glue residues cleaning, adhesives, labels, blood or sugar in food environment.

Colour: colourless  
Flash point: >21°C



4568 A4	Aerosol 650 ml	x 12
2568 i2	Bottle 1 l	x 12
2568 J1	Can 5 l	x 4
2568 U2	Drum 200 l	x 1

## ORASOLV N 513

### multipurpose, odourless

De-greases mechanical parts. Cleans electrical and electronic tooling. Quick evaporation through blowing. Security solvent.

Aspect: odourless  
Colour: colourless  
Flash point: >60°C  
Compatible with part washers and ultra sound machines.  
Di-electrical strenght: >40kV



2513 i2	Bottle 1 l	x 12
2513 O1	Drum 20 l	x 1
2513 O5	Drum 60 l	x 1
2513 U2	Drum 200 l	x 1

## ORASOLV R2 576

### without VOC

Penetrate deeply and perfectly dissolves greasy deposits. Leaves a light greasy film that protects metals. Ideal solvent for all cleanings with operator and environment security. To be used with part washer and ultra sonic machines.

Aspect: limpid liquid  
Colour: colourless  
Flash point: >100°C  
Compatible with part washers and ultra sonic bath  
Di-electrical strenght: >40kV



2576 i2	Bottle 1 l	x 12
2576 J1	Can 5 l	x 4
2576 U2	Drum 200 l	x 1

## ORASOLV S1 543

### biodegradable

High technology solvent. Soluble in water, allows easy rinsing of surfaces. To be used neat for cleaning and de-greasing of lots of chemicals: printing inks, resins, glues... Very efficient solvent.

Colour: green  
Flash point: 75  
Compatible with part washers  
Di-electrical strenght: >40kV



2543 i2	Bottle 1 l	x 12
2543 J1	Can 5 l	x 4
2543 O1	Drum 20 l	x 1
2543 U2	Drum 200 l	x 1

## ORASOLV T 544

### quick evaporation

For mechanical parts cleaning, stainless steel tooling. Excellent compatibility with gaskets, rubbers and all plastics. Cleaning of food and pharmaceutical facilities.

Colour: colourless  
Flash point: >40°C  
Compatible with part washers  
Di-electrical strenght: >40kV



4544 A4	Aerosol 650 ml	x 12
2544 i2	Bottle 1 l	x 12
2544 J1	Can 5 l	x 4
2544 U2	Drum 200 l	x 1



# SPECIAL SOLVENTS

## KLEANER 503

### dry solvent for plastics

Dry cleaner and grease remover quick drying. Cleaning of all devices and small mechanisms, contacts and printed circuits. Ideal to clean any surfaces difficult to reach and fragile. Very high grease dissolution power. Does not contain chlorinated solvent. Does not damage fragile materials, inks or plastics.

Colour: colourless  
Odour: apple  
Flash point: <21°C

4503 A4	Aerosol 650 ml	x 12
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## NDI 507

### surface preparation - dry

Essential for cleaning before gluing and preparation before painting. Very quick evaporation. Cleans metallic and plastic surfaces (after compatibility test). Does not contain chlorinated solvent. Leave a dry and clean surface.

Colour: colourless  
Flash point: <21°C  
Not compatible with part washer

4507 A4	Aerosol 650 ml	x 12
2507 J1	Can 5 l	x 4

## ORASOLV O 514

### dry - ultra quick evaporation

For preparation of surfaces before painting or gluing. Dissolves resins, glues, inks and paints. Immediate evaporation. Leaves a completely clean and dry surface, without deposits. Cleaning of tubes and valves for oxygen. Does not contain chlorinated solvents.

Colour: colourless  
Flash point: <0°C  
Not compatible with part washers

2514 i2	Bottle 1 l	x 12
2514 J1	Can 5 l	x 4
2514 O1	Drum 20 l	x 1

## ORASOLV E 539

### emulsifiable

Very high dissolving power. Powerful tar remover, cleaning of burnt residues. De-greases very dirty mechanical parts, cement and concrete floors... Cleans brushes impregnated with solvent based paints.

Colour: blue  
Flash point: >40°C  
Compatible with part washers  
Kauri Butanol index (IKB): >78

2539 i2	Bottle 1 l	x 12
2539 J1	Can 5 l	x 4
2539 O1	Drum 20 l	x 1
2539 O5	Drum 60 l	x 1
2539 U2	Drum 200 l	x 1

## ORANGE SOLVENT 550

### degreaser tar remover

Cleans and dissolves greases. Tar remover and burnt residues remover. Protects mechanical parts by leaving a light greasy film. Not irritant. Excellent to remove labels. All usages.

Colour: orange - Odour: fruity  
Flash point: >61°C  
Compatible with part washers  
Kauri Butanol index (IKB): 80



4550 A4	Aerosol 650 ml	x 12
2550 i2	Bottle 1 l	x 12
2550 J1	Can 5 l	x 4
2550 O1	Drum 20 l	x 1
2550 U2	Drum 200 l	x 1

## A 62 NU 517

### no chlorine, no sulphur, no fluorine

Decontaminating product for radioactive particles and de-greasing solvent for heavily soiled mechanical pieces. PMUC approved for nuclear and thermal plants, hydroelectric installations and subcontractors. Agreed for HTA and BT cable degreasing.

Colour: colourless  
Flash point: 62°C  
Part washer compatible



PMUC	6517 i4	Spray bottle 1 l	x 12
PMUC	6517 J1	Can 5 l	x 4
PMUC	6517 O1	Drum 20 l	x 1
PMUC	6517 U2	Drum 200 l	x 1

## AV 33 813

### weapon cleaner

Anti-corrosive, anti-rust, lubricant. Preventive and curative use. Dissolves and neutralises powder deposit, protects mechanism and weapons. To be used on weapon of any calibre. Spray on or in the weapon. Special army: high output valve, appropriate for cannons (650ml)

Colour: yellow



4813 A1	Aerosol 210 ml	x 12
4813 A4	Aerosol 650 ml	x 12
2813 O1	Drum 20 l	x 1

## NET FREINS 516

### brakes cleaner

Dry cleaner, grease remover for brakes. Evaporate very quickly, does not attack plastics. Powerful spray. Eliminates oils, brake shoe residues... Appropriate to brakes on cars, trucks, trailers, machines... Surface preparation before gluing or painting.

Colour: colourless  
Flash point < 0°



4516 A4	Aerosol 650 ml	x 12
2516 J1	Can 5 l	x 4
2516 O1	Drum 20 l	x 1





# Tooling

## (solvents)

### 700 050 FONTAINE DE DEGRAISSAGE *electrical part washer appropriate for solvents*

Avoids losses through evaporation. Speeds up cleaning thanks to the pierced brush continually supplied with product through electrical pump. Product is recovered during drying up of clean parts. Developed to be put directly above a 200l drum. Can be used on 60l drums thanks to the adaptor 700057.

Electrical part washer	700050
Naked part washer (metallic tank)	700052
Pumping device (spare part)	700053

### 700 051 FONTAINE DE DEGRAISSAGE *pneumatic part washer appropriate for solvents*

Avoids losses through evaporation. Speeds up cleaning thanks to the pierced brush continually supplied with product through pneumatic pump. Product is recovered during drying up of clean parts. Developed to be put directly above a 200l drum. Can be used on 60l drums thanks to the adaptor 700057.

Pneumatic part washer	700051
Naked part washer (metallic tank)	700052
Pumping device (spare part)	700055

(detergent part washer: cf p14)



### 700 061 FONTAINE DE DEGRAISSAGE *electrical part washer 45l*

Ideal for maintenance workshops. To be moved easily from a workshop to another. Developed to be used with 40l solvent of detergent, which reduces chemical risks. Avoids losses through evaporation. Speeds up cleaning thanks to the pierced brush continually supplied with product through electrical pump. Product is recovered during drying up of clean parts. Can be easily emptied for cleaning up.

Electrical part washer	700061
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Réf. 700 050  
700 051  
700 058 (see p.14)

Réf. 700 061



**1 year warranty**  
exclusively with Orapi products.



# SANITATION - DETERGENTS

## ORANET B1 515

### super concentrated detergent

Very powerful liquid detergent. Trucks and car body washing, tarpaulins, painted surfaces, very dirty floors, machines body... To be used with a brush, automatic truck-wash, auto scrubbers or high pressure cleaner. To be used diluted in water, from 0.5% to 20%.

Colour: blue



2515 i1	Spray bottle 500 ml	x 12
2515 i2	Bottle 1 kg	x 12
2515 J1	Can 5 kg	x 4
2515 O1	Drum 20 kg	x 1
2515U2	Drum 200 kg	x 1

## ORANET A 530

### food industries

Tank trucks, trucks' tarpaulin, floors, machines' body... wine, beer, vegetables, meat, biscuits, cheese, milk production and packing...

To be used with a brush, automatic truck-wash, auto scrubbers or high pressure cleaner. To be used diluted in water, from 0.5% to 20%.

Colour: colourless  
Odour: odourless



2530 i2	Bottle 1 kg	x 12
2530 J1	Can 5 kg	x 4
2530 O1	Drum 20 kg	x 1
2530 O5	Drum 60 kg	x 1
2530 U2	Drum 200 kg	x 1

## ORANET C 531

### floor and wall detergent

Powerful liquid detergent. Especially developed for the cleaning of dirty floors (concrete, tiled or painted floors) in automotive industry, any dirty production unit, changing rooms, showers... To be used with a brush, automatic truck-wash, auto scrubbers or high pressure cleaner. To be used diluted in water, from 1% to 20%.

Colour: pink

2531 i2	Bottle 1 l	x 12
2531 J1	Can 5 kg	x 4
2531 O1	Drum 20 kg	x 1
2531 U2	Drum 200 kg	x 1

## ORANET M 532

### metallic parts

Very powerful detergent for non-painted metals. Main body, machine body, mechanical parts cleaning. To be used with brush, by soaking, with high pressure machine. Perfectly cleans water-based paints and inks. To be used diluted in water (0.5% to 20%) or neat in part washer.

Colour: yellow



2532 i2	Bottle 1 l	x 12
2532 J1	Can 5 kg	x 4
2532 O1	Drum 20 kg	x 1
2532 O5	Drum 60 kg	x 1
2532 U2	Drum 200 kg	x 1

## ORANET S 533

### non foaming

Multipurpose very powerful cleaner for auto scrubber and high speed cleaning tools or ultra sonic. Does not foam, even under heavy agitation. Biodegradable. To be used for difficult factory cleaning: floors, tiled floors, changing rooms... To be used from 2 to 15%.

Colour: orange yellow

2533 i2	Bottle 1 l	x 12
2533 O1	Drum 20 l	x 1



## ORANET N 537

### neutral pH detergent

Powerful multipurpose liquid detergent without VOC, for every industry. Truck and car body, tarpaulin, painted surface, floor, machine body cleaning, aluminium parts as a regular care... To be used with brush, truck automatic washing system, auto scrubber or high pressure washer. To be used diluted from 5 to 40%.

Colour: translucent blue  
Odour: marine scent  
pH neat : 7.5

2537 J1	Can 5 l	x 4
2537 U2	Drum 200 l	x 1

## FONTAINE DEGRAISSAGE 700 058

### appropriate for detergents

Ideal system for security and environment: no heating, no electricity. Avoids losses through evaporation. Speeds up cleaning thanks to the pierced brush continually supplied with product through pneumatic pump. Product is recovered during drying up of clean parts. Conceived to be put directly above a 200l ORANET M drum. Can be used on 60l drums thanks to the adaptor 700057. (see page 13)

700 058	Pneum. part wash.	x 1
700 052	Naked part wash.	x 1
700 064	Pump for detergents	x 1





# SANITATION - SCALE REMOVING DETERGENTS

## ORATARTRE 962

### powerful scale remover

Non flammable, scale remover for all industrial devices, tubes, heaters, heat exchangers, heating coils, heater tanks. Does not cause metal oxidation, dissolves scale deposits. Dissolves also cement stains, cleans tile joints, concrete mixer. Ready to use. Can be diluted.

Colour: yellow  
pH: <1

2962 i2	Bottle 1 kg	x 12
2962 J1	Can 5 kg	x 4
2962 O1	Drum 20 kg	x 1
2962 O5	Drum 60 kg	x 1
2962 U2	Drum 200 kg	x 1

## RUST AND CONCRETE REMOVER 744

### very powerful scale remover

Concentrated scale remover for all industrial devices, tubing, heaters, heat exchangers, heating coils, tanks, radiators. Dissolves scale deposits, even when very thick. Dissolves cement stains, cleans tile joints, concrete mixer, masonry tools. Excellent stripper and surface brightener for all metals with to oxidation. Ready to use. Can be diluted.

pH: <1

2744 O1	Drum 20 kg	x 1
2744 U2	Drum 200 kg	x 1



# SANITATION - SPECIAL DETERGENTS

## RENOV'CUivre 682

### copper renovation

Renovating cleaning detergent, super concentrated stripper with no VOC. Fully eliminates all oxidation marks, greasy deposits, brazing marks and any mark due to the usage of a blowtorch. Cleaning of copper in any form and in any industry, also stainless steel and PVC. Passivate and matting of metals (aluminium, cast iron, treated steels). To be use diluted, rinse with clear water.



2682 J1	Can 5 kg	x 4
2682 O1	Drum 20 kg	x 1

## ORARENOV 535

### renovating stripper

Eliminates greasy deposit and oxidation from metallic parts surface. Ideal for aluminium and stainless steel cleaning and maintenance. Excellent cleaner and surface brightener. Ready to use. Can be used diluted.

Colour: colourless  
pH: <1



2535 i2	Bottle 1 kg	x 12
2535 J1	Can 5 kg	x 4
2535 U2	Drum 200 kg	x 1

## BRILLINOX 586

### polish for stainless steel renovation

Eliminate greasy film and stains and gives a durable shine to cleaned surfaces: stainless steel, chromes... Has a polishing and protector effect. Dairy, brewery, machine body, stainless steel constructions... Put a little bit of NETINOX on the product and polish.

Colour: colourless



4586 A4	Aerosol 650 ml	x 12
2586 J1	Can 5 kg	x 4
2586 U2	Drum 200 kg	x 1

# SANITATION - TREATING DETERGENTS

## ORAPHOS 50 963

### phosphating degreaser

Cleaner degreaser and phosphating product for all metallic parts. Phosphating effect creates a anti-rust protection, metal treated this way and can be painted. Metalwork, boiler work, automotive industry... Mixing ratio: 10 to 50% in water depending on dirt.

Colour: yellow  
pH: <1

2963 i2	Bottle 1 kg	x 12
2963 J1	Can 5 kg	x 4
2963 O5	Drum 60 kg	x 1
2963 U2	Drum 200 kg	x 1

## ORAPHOS 60 964

### rust remover and phosphating

Cleaning, rust removing and phosphating product. Phosphating creates a anti rust protection, metal is thus durably treated and can be painted. Avoids sandblast and shot blasting. Tank, girder, various body renovation in metalwork, boiler work, automotive industry... Mixing ratio: 10 to 35% in water depending on corrosion. Can be used warm.

Colour: colourless  
pH:<2,5

2964 i2	Bottle 1 kg	x 12
2964 O1	Drum 20 kg	x 1



# SANITATION - DISINFECTION

## ACTI'SEPTYL 589

### decontaminating cleaner

5 function multipurpose product: virucide, bactericide, decontaminating, algicide and fungicide. Cleaning, disinfection and decontamination in food industry (fishmonger, canning industry, sugar refinery, drinks...), in animal environment, hospital, local authorities, camping, swimming pool... bottle - 1 l is ready to use.



RTU	2589 i2	Bottle 1 l	x 12
	2589 J1	Can 5 l	x 4
	2589 O1	Drum 20 l	x 1

## CODE 79 579

### drain cleaner

Destroys and eliminates all obstructions made of cellulose, fatty substance, hair, cotton, organic compounds, sponges, cigarette butts... Used to unblock pipes: sinks, washbowls, toilets... for plumbers, sanitaries and all maintenance service. High density, it has a mechanical effect over the obstruction. No effect on septic tanks. Professional products.

Colour: black



	400 021	Bottle 1 l	x 12
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## DEO CHERRY 510

### deodorant, covering fragrance

Neutralises and hides most stubborn smells through direct spraying on bad odour sources. Improve the environment of sites that creates factory nuisance: sewer, waste reception centre, purification facility, slaughterer, septic tank, chemical industry, harbour area... Quick action. Soluble in water, non foaming. Dosage: 1 to 20% depending on smell, wind and temperature.

Colour: pink

Odour: cherry vanilla

	2510 i4	Spray bottle 1 kg	x 12
	2510 O1	Drum 20 kg	x 1



# SPECIAL CLEANERS

## NETTOYANT JANTES 529

### motorcycles, cars, trucks

Cleaning rims ultra concentrated. Its unique formula removes the film, dissolves fat and ingrained dirt. Cleaning cars, trucks. Must be diluted in water, in proportions of 2 to 20%. The product must be rinsed very quickly.

	2529 i1	Spray bottle 500 ml	x 12
	2529 J1	Can 5 l	x 4

## NETTOYANT CARROSSERIE 547

### motorbike, cars, trucks

Ultra concentrated foaming shampoo. Its exceptional formula eliminates the greasy film and dissolves the deepest dirt. The product is also efficient on vinyl, chrome or glass surfaces. Car or truck cleaning with automatic washing equipments, high pressure cleaner of hand cleaning. Must be diluted in water with ratio 5 to 20 %.

Colour: pink

	2547 i1	Spray bottle 500 ml	x 12
	2547 i2	Bottle 1 kg	x 12
	2547 J1	Can 5 kg	x 4
	2547 O1	Drum 20 kg	x 1
	2547 U2	Drum 200 l	x 1

## JET XTRA 558

### plane exterior

Concentrated detergent cleaner efficient on very dirty surfaces, approved for planes exterior cleaning. Eliminates the greasy film as well as all greasy deposits, without leaving stains. To be used on any surface, with no restriction: aluminium, painted steel, plastics, Plexiglas... Cleaning of planes, helicopters, trucks, boats, military vehicles...

Colour: pink

Approved: DOUGLAS CSD - 1 1-22-79\*  
Approved: BOEING D6 - 17487\*  
Approved: AMS 1526\*



	2558 O1	Drum 20 l	x 1
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# HAND CLEANERS

## ORANGE CREME 580

### **citrus**

Washes hands with a fresh citrus fragrance, contains refined pumice for a deep cleaning of grease, dirt, ink, paint, rust, tar. Thanks to its micronised and soft pumice, it even cleans dirt encrusted in skin pores. Contains glycerine to hydrate and care for chapped hands.

Colour: orange  
Odour: orange

5580 F4	Bottle 125 ml	x 49
5580 J1	Can* 5 l	x 4

\* with dosing pump

## ULTRA CLEAN 575

### **wipes**

Wipes impregnated with a cleaning and refreshing solution, that is highly degreasing for hands and tools heavily soiled by oils, greases, inks, paints, herbs, petrol... Cleans and leaves a pleasant smell on hands. Hypoallergenic product, to be used without rinsing. Ideal for working areas without water.

Odour: mandarin

5575 S8	85 wipes bucket	x 1
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## VSS 959

### **powder**

Degreases and eliminates: inks, dirty oil, grease, oils, petrol, fuel... Biodegradable cleaner, produced from pine cellulose, lavender essential oils and glycerine, it leaves very soft hands. For any kind of job. Bucket packaging is ideal for vehicles on building sites.

Colour: brown  
Odour: lavender

2959 C8	Cartridge 5 l	x 6
2959 S1	Pail 5 l	x 2
2959 O2	Drum 25 l	x 1

## DOSEUR 959 700 009

### **wall dispenser**

Dosing system for VSS 959 soap cartridge. To be easily installed with screw or directly on support with ORABOND 125.



700 009	Dispenser 959	x 1
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## SUPER NETTOYANT MAINS 523

### **disinfecting\* hand-soap**

Hygienic treatment and disinfection by washing. Cleans softly and efficiently and is convenient for a frequent usage. For all activities, especially hospitals, restaurants, local authorities, schools... Bactericide activity NF EN 1040, pr EN 12054, hygienic hand treatment by washing: NF EN 1499 (2\*30 seconds, 2\*3ml) - Fungicide activity: NF EN 1275 - Virucide activity: NF EN 14476 on HIV-1

Colour: colourless  
Odour: odourless

2523 J1	Can* 5 l	x 4
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\* with dosing pumps

## DOSEUR 523 700 024

### **wall dispenser**

Dosing system for liquid soap SUPER NETTOYANT 523. To be easily mounted with screw or directly on support with ORABOND 125.

700 024	Dispenser 523	x 1
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\* Use biocides with care  
Before any use, read label and information regarding the product.

# PLASTIC AND SCREEN CLEANING

## ANTISTATIQUE 524

### antistatic cleaning foam

Avoids dust attraction and avoids paper jam, gluing and clogging.  
Does not stain, quick evaporation.  
Designed for computers, offices, devices' screens, meters, plastic industry, synthetic furniture, automotive industry, electrostatic products packing...

4524 A4 Aerosol 650 ml x 12

## DLDR 500

### cleaning foam for plastics

Cleaning foam for all materials.  
Computer frame, television, laminated furniture, neon signs, plastic or metallic bumpers, copying machine...  
Especially for very dirty surfaces, PVC or metallic structures. Pleasant fragrance.

4500 A4 Aerosol 650 ml x 12

## NET'ECRAN 502

### cleaning foam for glass

Antistatic cleaner for all glass surfaces, screens, office automation, computer screen, copying machine glass, projector, TV...  
To be wiped away quickly after spraying. Wait until surface is dry to plug in again. Screens will become perfectly clean. Compatible with new generation screens.

4502 A4	Aerosol 650 ml	x 12
2502 I4	Spray 1 l	x 12
2502 J1	Can 5 l	x 4
2502 O1	Drum 20 l	x 1

## A 90 H 508

### cleaner for electronic

High security for cleaning of contacts under load. Quick and total evaporation. Cleans electrical circuit boxes, coil windings, printed circuits, precision electrical devices (relays, connectors...). Defluxing solvent. Does not stain. Does not promote the oxidation of pieces after drying. No effect on plastics.

Colour: colourless  
Flash point: not flammable  
Dielectric strenght: >50kv

4508 A4 Aerosol 650 ml x 12

## NET'DEX 501

### electric contact cleaner

To be sprayed for cleaning and oxidation removal of electrical contacts. No risk for electrical devices. Excellent cleaner and degreaser for all electrical mechanisms (out of load). Let it dry after use.

4501 A1	Aerosol 210 ml	x 12
4501 A4	Aerosol 650 ml	x 12

## SOUFFLEUR 950

### dry gas

Multi-position dust remover aerosol, for printers, keyboards, optical readers, photos, videos, reprography, mechanical parts... This mini air compressor allows dry cleaning. Drying of all electromagnetic devices. Leaves parts perfectly dry after usage. Output pressure: 6 bars.

4950 A4 Aerosol 650 ml x 12

## GIVREUR 951

### cold generator

Intense cold generator: -65°C. Multi-positions. De-blocking through thermal shock. For computer: cold micro-processors and any device down. Makes it possible to identify failure on printed circuits. Can also be used in mechanics to contract parts and allow cold press fit.

4951 A4 Aerosol 650 ml x 12

## RENOV' PLASTIQUE 525

### without silicone

Beauty of car interiors through a RENOV'PLASTIQUE care. It renews and makes any dashboard shine without polishing, bringing it its original freshness back. Anti dust product with pleasant fragrance.

4525 A4 Aerosol 650 ml x 12





# STRIPPERS

## DECAPANT 505

### paint stripper and gaskets remover

Industrial extremely powerful paint stripper, with no harmful action toward metals and wood.  
Easy to use, even on vertical surfaces thanks to its gel consistency.  
Also to be used for the removing of plastic residues, chemical gaskets and pigments that build up in injection moulds or carter. Can be used on tiled floors, concrete, wood, metal, glass, stone, bricks, marble...

4505 A4 Aerosol 650 ml x 12

## DECAPSOC EPX GEL 1144

### gel paint stripper

Industrial very powerful stripper in gel, ideal for vertical surfaces.  
No harmful action on metals or wood.  
To be used on tiles, concrete, wood, metals, glass, stone, bricks, marble...

21144 J3 Can 6 kg x 4

## DECAPANT 664

### professional stripper

Very powerful industrial stripper especially formulated to strip paint on tanks, floors and tools at paint producers facilities.  
Efficient on much kind of paints: glycerine, acrylics, epoxy, polyurethane, mono or bi-compound, new or old.  
Stripping and renovation of workbenches, tanks, metallic tubes...

2664 I2	Bottle 1 l	x 12
2664 J1	Can 5 kg	x 4
2664 O1	Drum 20 kg	x 1
2664 U3	Drum 220 kg	x 1

## ALCAPOUDRE 1140

### powder stripper

Powerful stripper for the elimination of most paints through soaking. Immersion time depends on chemical nature of paint, age and thickness of layer, as well as bath temperature. ALCAPOUDRE is particular for its high active compounds concentration (100%) and its time resistance. It is totally soluble in water. Does not contain carcinogen, mutagenic or reprotoxic compounds. Dissolve 50 to 80 g/l in cold or hot water for a better efficiency.

21140 S5 Drum 25 kg x 1

## SOCOFLUID K 1155

### powerful stripper, water based

To be used hot and in bath, for the elimination of chemically resistant paints like polyester, epoxy polyurethane, automotive paints and on household appliances. SOCOFLUID K is not appropriate for light alloys.  
No harmful vapour during usage, does not contain chlorinated, solvent on phenolic by-products.  
Excellent storage life.

21155 U5 Drum 250 kg x 1



## ORAFINISH 1130

### neutraliser, highlighter

Before painting, on wood to neutralise stripping product (ALCAPOUDRE 1140). Its neutralisation capacity avoids rejections. Highlighting agent for some wood essences, sensitive to darkening after stripping bath or darken though age. Iron converter that protects metal against oxidation.  
It is not necessary to dismantle iron parts from wood shutter to treat them as rust leakage does not happen.

21130 O1 Drum 20 kg x 1

## ANTI GRAFFITIS 585

### graffiti removal

Cleaning of graffiti on wall, wagon, road sign, glass, wood...  
Efficient on paints and felt-tip stains.  
Ideal for local authorities, railway and highway maintenance service, public transport... New generation anti-graffiti with no toxic agents.

4585 A4 Aerosol 650 ml x 12  
2585 J1 Can 5 l x 4





Oils - Greases - Pastes  
Varnishes - Powders



LUBRICATE



# TREATMENT & MOUNTING / POWDERS

## GRAPHENE 702

### graphite based dry lubricant

For pre-treatment of surfaces or pieces submitted to very high temperature or dusty atmosphere. Dries at room temperature. Excellent resistance of dry film. For stainless steel assembly with itself, tin mould releasing.  
Slide greasing, stern, glass industry...

Colour: black  
Working temperature: -70 to +900°C



4702 A2	Aerosol 405 ml	x 12
4702 A4	Aerosol 650 ml	x 12
PMUC 6702 A4	Aerosol 650 ml	x 12

## 2115 721

### graphite powder

Micronised graphite powder. To be used pure, as additive to lubricants, plastics... in order to increase their efficiency. Electrical conductor. Very good dry lubricant for low and high temperature and in dusty atmospheres.

Colour: black  
Working temperature: -70 to +900°C  
Grade: 5 to 7 µm

3721 S3	Pail 1 kg	x 2
3721 H4	Sac 20 kg	x 1

## ORAVER VO24 230

### lubricant varnish with graphite

Bi-component varnish. Excellent resistance to abrasion. Especially developed to ease the sliding of glass at fusion stage. To be applied with a brush on discharge spout and jet deflectors, after pre-heating at 60°C to 70°C. Excellent self levelling power. Good chemical resistance. Polymerises at room temperature in 24h. Excellent resistance, up to 4 months.

Colour: black  
Temperature range: >900°C

1230 K2	Kit 500 g	x 1
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## MOLYSPRAY 700

### molybdenum disulphide

Treatment and pre-treatment of all mechanisms or pieces that need to be mounted. Dry lubrication on small mechanisms. Eases running in. Application as an aerosol gives a uniform layer. Very good for very cold weather and dusty atmosphere.

Colour: black  
Working temperature: -200 to +450°C



4700 A4	Aerosol 650 ml	x 12
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## OR 05 724

### molybdenum disulphide in powder

To be apply with leather cloth, brush, or drum on rectified pieces, superficially thematically treated. Sticks to metal and leaves a dry lubricating film. Eases lapping. Can be used for pieces pre-treatment.

Colour: black  
Working temperature: -200 to 450°C  
Grade: 6µm



3724 B7	Tin 1 kg	x 6
3724 S1	Pail 5 kg	x 2
3724 U0	Drum 100 kg	x 1



## TEFLISS 2 701

### Teflon® based dry lubricant

Dry and clean lubricant based on PTFE. Has a very low friction coefficient. Water repellent, does not stain. For all mechanisms requiring a thin micronised Teflon® layer: sliding panels, saw blades, slides, treadmill, turning and sliding gaskets, copy machine, reels...

Colour: white  
Working temperature: -120 to 250°C

4701 A4	Aerosol 650 ml	x 12
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## PTFE 645

### Teflon® powder

Dry lubricant based on purified micronised Teflon®. Excellent lubricant properties. Highly inert towards chemicals, compatible with rubbers. Sliding agent for mounting (gasket, fastenings, tap). Dry lubrication in case of extreme conditions. Additive for lubricants.

Colour: cream white  
Working temperature: -120 to +250°C  
Grading: 1 - 7 µm



3645 B7	Tin 1 kg	x 6
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## ORABOR 711

### boron nitride powder

Dry lubricant based on micronised and purified boron nitride. Excellent lubricating properties, exceptional resistance to temperature, high conductivity and inert towards chemicals. Compatible with rubber. Sliding agent for mounting (gaskets, fastenings, taps). Dry lubrication in extreme conditions, additives for some refractories, composites, lubricants...

Colour: cream-white  
Working temperature: -120 to +900°C  
Grading: 2µm

3711 B5	Tin 450 g	x 6
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# TREATMENT & MOUNTING / VARNISHES

## VERGRAF 704

### dry varnish with graphite

Dry varnish based on graphite, for the reduction of friction coefficient on all kind of surfaces. Dries at room temperature. For pre-treatment of surfaces and pieces submitted to high temperatures in dusty atmosphere. Lubrication of slides, jacks, hinges, mould pieces in foundry, glass plants... Especially appropriate for wear through fretting.

Colour: black

Working temperature: -70 to +900°C

4704 A3	Aerosol 520 ml	x 12
4704 A4	Aerosol 650 ml	x 12

## A20 716

### non flammable graphite lubricant

Colloidal dispersion of micronised graphite. Leaves a dry, smooth and adhering lubricating film. Resists to abrasion and gives metallic moving parts an excellent lubrication. Eases mounting and allows dismantling without damage, especially for stainless steel assemblies with itself. Ideal in dusty atmosphere and for applications in very cold environment.

Colour: black

Working temperature: -70 to +900°C

2716 i2	Bottle 1 l	x 12
2716 J1	Can 5 l	x 4

## A20N 717

### graphite based dry lubricant

Colloidal dispersion of micronised graphite. Leaves a dry, smooth and adhering lubricating film. Resists to abrasion and gives metallic moving parts an excellent lubrication. Eases mounting and allows dismantling without damage, especially for stainless steel assemblies with itself. Ideal in dusty atmosphere and for applications in very cold environment.

Colour: black

Working temperature: -70 to +900°C



PMUC 6717 i2	Bottle 1 l	x 12
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## POLYVER 703

### Teflon® based sliding varnish

Clean and dry varnish designed to reduce friction coefficient on all kind of surface. Especially appropriate to protect from wear by fretting. Long term treatment thanks to its plasticity. Treatment of mechanical parts in steel, aluminium, plastics, polymers, wood, stens, drawers... ideal for wood / wood lubrication, dust does not adhere on this lubricant.

Colour: slightly white

Working temperature: -30 to +230°C

4703 A4	Aerosol 650 ml	x 12
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## VERNIS L 149/3 828

### water-based Teflon® varnish

Water-based sliding varnish with PTFE for the reduction of friction coefficient on all kind of surfaces. Especially appropriate for protections against wear through fretting. Very long term treatment thanks to its plasticity. Treatment of mechanical pieces in steel, aluminium, plastic, polymer. Used for life lubrication of plastic mechanism in electrical industry.

Colour: blue

2828 J1	Can 5 kg	x 1
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## ORAVER L 183 728

### Teflon® varnish

Clean sliding varnish, with PTFE, with quick drying, that reduces friction coefficient on any surface. Chemically inert, does not stain. Long term treatment thanks to its plasticity. Treatment of mechanical pieces in steel, aluminium, plastic, polymer. Used for life lubrication of plastic and metal mechanisms. Excellent mould release agent.

Colour: white

Working temperature: -125 to 250°C

2728 i2	Can 1 kg	x 1
2728 J1	Can 5 l	x 1

## DILUANT S 104 729

### thinner for ORAVER L 183

Special thinner for Teflon® based ORAVER L 183 dry varnish. Brings varnish more fluidity in order to make thinner layers, or in case varnish would have become thicker because the tin would have been let open too long.

2729 J1	Can 5 l	x 1
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# TREATMENT & MOUNTING / VARNISHES

## EMOS 60 720

### high efficiency MoS<sub>2</sub> varnish

MoS<sub>2</sub> dry lubricant with heat hardening resins. Lubricate and protect from oxidation any metallic surface, resistant to solvents and acids. Excellent resistance to saline mist. Polymerises at a temperature of 160°C during 40'. Excellent dry lubricant for gearing, cylinders, jacks, threaded screws, gables, rack-rails, screws... Aeronautical tooling, computer system, life lubrication for all hinges submitted to low temperature and atmosphere with particles.

Colour: black  
Working temperature:  
-100 to +250°C



3720 B7 Tin 1 kg x 6

## DILUANT EMOS 60 718

### thinner for varnish EMOS 60

Special thinner for our dry MoS<sub>2</sub> varnish EMOS 60. Gives varnish more fluidity in order to make thinner layers, or in case varnish has become thicker because the tin has been left open too long.



3718 i2 Bottle 1 l x 1

## VIMOS 70 726

### dry MoS<sub>2</sub> varnish

MoS<sub>2</sub> dry lubricant for all metals and plastics. Protect from oxidation. Not soluble in solvents and hydrocarbons. Polymerises at room temperature. Excellent dry lubricant for threaded pieces, spigots, small gearings, hinges, any mechanism in dusty atmosphere. Lubrication of valves and military hinges submitted to extreme cold. Efficient even on mechanism works very rarely.

Working temperature: -100 to +150°C



3726 B7 Tin 1 kg x 6

## DILUANT VIMOS 70 719

### thinner for varnish VIMOS 70

Special thinner for our dry MoS<sub>2</sub> varnish VIMOS 70. Give varnish more fluidity in order to make thinner layers, or in case varnish has become thicker because the tin has been left open too long.



3719 i2 Bottle 1 l x 1

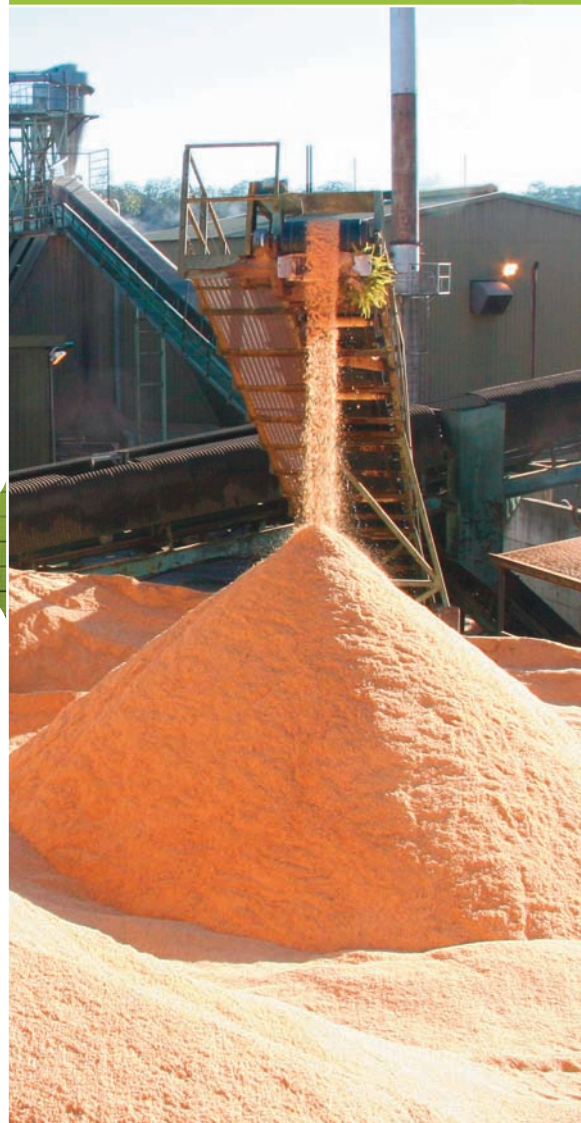
## VERMOS 709

### MoS<sub>2</sub> dry varnish

Lubricant dry varnish based on MoS<sub>2</sub>, to be used for dry lubrication of all mechanism with friction. Dries very quickly in contact with air. Treatment of mechanical pieces is eased by the application in aerosol. Ideal for application for very cold temperature and in contact with dust, because dust will not adhere to Vermos.

Colour: black  
Working temperature: -100 to +150°C

4709 A4 Aerosol 650 ml x 12





# TREATMENT & MOUNTING / MOUNTING PASTE

## LM 20 614

### graphite based lubricant

Improved grip, anticorrosion action, perfect joint sealing. Suitable for mechanisms, hinges, taps, floodgates and floor greasing. For wet and very warm working conditions. It makes mounting and dismantling easier.

Colour: black  
Temperature range: -40 to +900°C

3614 C4	Cartridge 400 g	x 12
3614 T4	Tube 200 g	x 12
3614 B7	Tin 1 kg	x 6
3614 O2	Drum 25 kg	x 1

## LM 50 604

### graphite lubricant

Graphite mounting paste, stable at very high temperature. For axles, fittings, hinges, rollers, oven doors, forges and foundries tooling... Eases mounting and dismantling thanks to its high graphite concentration.

Colour: black  
Working temperature: -40 to +900°C (dry lubrication)

3604 B7	Tin 1 kg	x 6
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## SYG 644

### synthetic graphite paste

Mounting paste with graphite on synthetic support. Does not leave residues, only graphite. For axles, bearings, cotters, pins, every piece submitted to heavy loads at very high temperatures.

Colour: black  
Working temperature: -40 to +900°C (dry lubrication)

3644 B7	Tin 1 kg	x 6
3644 S1	Pail 5 kg	x 2
3644 O2	Drum 25 kg	x 1

## N70 642

### mounting paste

Solid lubricants synergy, without chlorine, sulphur or fluorine. Strong anti-seize power, to be used on mechanical assemblies in severe conditions and very high temperatures. The combination of many solid lubricants makes N70 a product for extreme situation. Especially appropriate for non ferrous alloys.

Colour: black  
Working temperature: -30 to 1400°C (dry lubrication)



PMUC	6642 B6	Tin 500 g	x 6
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## GRN 613

### graphite mounting paste

Anti seize paste without chlorine, sulphur or fluorine, stable at high temperature. Mechanical assemblies. Eases running in of pieces, eases dismantling.

Colour: black  
Working temperature: -80 to +250°C (dry lubrication >900°C)



PMUC	6613 A4	Aerosol 650 ml	x 12
PMUC	6613 T4	Tube 200 g	x 12
PMUC	6613 B6	Tin 500 g	x 6





# TREATMENT & MOUNTING / MOUNTING PASTE

## MOB 30 610

### MoS<sub>2</sub>

MoS<sub>2</sub> based paste. Easy to use, for surface pre-treatment and mild-greasy lubrication, before mounting; for all mechanisms and parts that need to be lubricated afterwards. It makes mounting and breaking in easier. Mechanical warehouses, maintenance services.

Colour: dark grey  
Temperature range: -40 to +450°C



3610 B7	Tin 1 kg	x 6
3610 T4	Tube 200 g	x 12

## PATE SPRAY 603

### MoS<sub>2</sub> in thin layers

Easy to use aerosol for the application of MoS<sub>2</sub> paste in thin and precise layers. Reinforced extreme pressure power. Lubrication of tooling, for all mounting and mechanical parts.

Colour: black  
Working temperature: -40 to +450°C



4603 A4	Aerosol 650 ml	x 12
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## MOB 60 611

### supercharged MoS<sub>2</sub>

Strong formula. The mechanics use this paste for the most difficult fixings. For breaking in and pre-treatment, use this paste with a leather cloth or with a brush. Strong resistance to extreme pressure. For all hard assembly. It avoids fretting and corrosion. Mechanical workshops, fixing, maintenance.

Colour: black  
Temperature range: -60 to +450°C



3611 T4	Tube 200 g	x 12
3611 B7	Tin 1 kg	x 6

# TREATMENT & MOUNTING / ANTI SEIZE PASTE

## TM 900S 600

### cooper (dynamic)

Assembly paste for surface treatment and lubrication. Especially to treat : tooling, axles, rollers, slow moving mechanism and all pieces that are to be dismantled later. Advised for dispensing system of metal in fusion in furnaces. Electrical and thermal conductor.

Colour: copper  
Working T°: -40 to 1100°C  
(dry lubrication)



4600 A4	Aerosol 650 ml	x 12
3600 B4	Tin/brush 250 ml	x 6
3600 C4	Cartridge 400 g	x 12
3600 O2	Drum 25 kg	x 1

## HT 900 637

### cooper (static)

Anti-seize product formulated to leave a thin lubricating layer. For threaded pieces that need to be mounted and then dismantled after being submitted to very high temperatures. Refineries, dyeworks, oven, marine...

Colour: copper  
Working temperature:  
-40 to 1100°C (dry lubrication)



3637 T4	Tube 200 g	x 12
3637 B7	Tin 1 kg	x 6
3637 S1	Pail 5 kg	x 2
3637 O4	Drum 50 kg	x 1
3637 U2	Drum 200 kg	x 1

## COPA 1100 679

### very high temperature

Assembling and mounting paste with copper and graphite for heavy strengths and very high temperature. Excellent anti seize resistance between steel / steel surfaces submitted to high pressures, easy to apply, very sticky, resists water, vapour, aggressive atmospheres. Threads, fastenings, bolting, gaskets.

Colour: black  
Working temperature: -60 to 1500°C  
(dry lubrication)

3 679 T4	Tube 200 g	x 12
3 679 B7	Tin 1 kg	x 6

## HTCU 647

### copper

Copper paste formulated specifically for railways, for anti-corrosive protection of threaded assemblies mounted on wagon, engines and railways.



3647 T4	Tube 200 g	x 12
3647 B7	Tin 1 kg	x 6





# TREATMENT & MOUNTING / ANTI SEIZE PASTE

## NANOLUBRICANT® 2015

### high technology

Mounting, assembling, and surface treatment paste. Protects against corrosion, seize and wear due to micro-movements. Avoids welding risk and all kind of corrosion due to Rehbinder effect.

Colour: black  
Working temperature: -40 to 300°C  
+1000°C in dry lubrication

42015 A4	Aerosol 650 ml	x 12
32015 B3	Tin/brush 200 g	x 6
32015 B7	Tin 1 kg	x 6



## HT 600 601

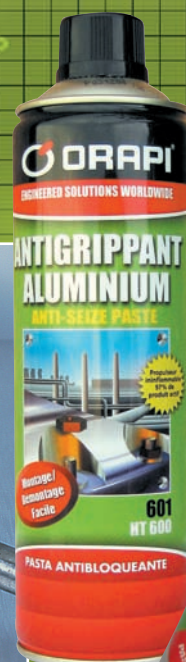
### aluminium

Contains a special support and micronized aluminium. Especially for treatment of tooling, axles, rollers and all pieces to be dismantled afterwards.

Colour: aluminium grey  
Working temperature: -40 to +650°C  
(dry lubrication)



4601 A4	Aerosol 650 ml	x 12
3601 T4	Tube 200 g	x 12
3601 B4	Tin/brush 250 ml	x 6
3601 B7	Tin 1 kg	x 6
3601 S1	Pail 5 kg	x 2



## BA 640

### white

Mounting and assembling paste, white and clean. Contains high technology lubricating powders. Does not stain. Product especially formulated for maintenance workshops. To treat tooling, tools, pieces working at high temperatures: plastic moulds, in food industry, in paper mills...

Colour: white  
Working temperature: -25 to 1000°C  
(dry lubrication)



3640 T4	Tube 200 g	x 12
3640 B7	Tin 1 kg	x 6

## PC 195 641

### thermally conductive

For sealing and thermal transfer, while keeping a static and dimensional stability of protected devices. Alternator, starters, electrical and electromechanical devices.

Colour: white  
Working temperature: -40 to +200°C



3641 B7	Tin 1 kg	x 6
3641 O4	Drum 50 kg	x 1

## NB 643

### clean

Anti seize boron nitride paste for assemblies submitted to very high temperature. Assembling of all pieces requiring easy later dismantling. No chlorine, no sulphur, no fluorine.

Colour: white  
Working temperature: -80 to +1400°C  
(dry lubrication)



3643 T3	Tube 100 g	x 12
3643 B6	Tin 500 g	x 6

PMUC 6643 T3	Tube 100 g	x 12
PMUC 6643 B6	Tin 500 g	x 6



# COMMON GREASES

## CT 10 677

### multipurpose lithium grease

EP2 lithium grease appropriate for general lubrication, in maintenance and automotive industry when strengths are not too big. Chassis lubrication, farm tooling, civil engineering...

Colour: clear amber  
Working temperature: -25 to 130°C  
NLGI grade: 2  
EP 4 balls: 250 kg  
DN factor: 350 000

3677 C4	Cartridge 400 g	x 12
3677 B7	Tin 1 kg	x 6
3677 S1	Pail 5 kg	x 2
3677 O4	Drum 50 kg	x 1
3677 U1	Drum 180 kg	x 1

## CT 12 G 625

### Graphite based grease

Greasing under very heavy loads, efficiently protects against wear thanks to its micronised graphite. Grease with extremely low friction coefficient. For humid environment and mechanisms submitted to shocks. Ideal for application in automotive industry or general industry.

Colour: black  
Working temperature: -30 to + 165°C  
Drop point: 180  
NLGI grade: 2  
EP 4 balls: 315  
DN Factor: 350 000

3625 C4	Cartridge 400 g	x 12
3625 B7	Tin 1 kg	x 6
3625 O2	Drum 25 kg	x 1

## CT 4 608

### MoS<sub>2</sub> grease

Greasing under very heavy loads, protects efficiently against wear thanks to its high quality MoS<sub>2</sub> load. For mechanical construction, automotive industry, weapons...

Colour: black grey  
Working temperature: -30 to 165°C  
EP 4 balls: 315  
DN factor: 350 000



4608 A4	Aerosol 650 ml	x 12
3608 T4	Tube 200 g	x 12
3608 C4	Cartridge 400 g	x 12
3608 B7	Tin 1 kg	x 6
3608 O4	Drum 50 kg	x 1

## CT 14 602

### Lithium based, multipurpose

Multipurpose grease EP2 for bearings and mechanisms submitted to heavy loads in dusty environment. Ideal for application in automotive industry and general industry.

Colour: clear amber  
Working temperature: -30 to 165°C  
EP 4 balls test: 315  
DN factor: 350 000



4602 A4	Aerosol 650 ml	x 12
3602 T3	Tube 100 g	x 12
3602 C4	Cartridge 400 g	x 12
3602 B7	Tin 1 kg	x 6
3602 O4	Drum 50 kg	x 1

## CT 140 680

### fluid grease for central greasing

Fluid multipurpose EP grease for bearings and mechanisms submitted to heavy loads that need to be lubricated through a central greasing system. Reinforced extreme pressure and anti wear properties. Ideal for applications in automotive industry, lorries and industry.

Colour: amber  
Working temperature: -40 to 165°C  
NLGI grade: 0-00 ; EP 4 balls: 315  
DN factor: 350 000

3680 S1	Pail 5 kg	x 2
3680 O2	Drum 25 kg	x 1
3680 O4	Drum 50 kg	x 1
3680 U1	Drum 180 kg	x 1

## CT 143 743

### lubrication, sealing

Thanks high viscosity aspect, it seals and lubricates at the same time valves and all kind of taps. Locking effect. Multipurpose EP2 grease for bearings and other mechanisms that require a thick grease. Ideal for applications in automotive industry, trucks and industry.

Colour: amber  
Working temperature: -20 to 165°C  
Drop point: 180  
Grade NLGI: 3  
EP 4 balls: 315  
DN factor: 350 000

3743 B7	Tin 1 kg	x 6
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## CT FLON 607

### Teflon® grease

Teflon® grease for lubrication under heavy load. Lubricating effect reinforced by Teflon, noise decrease, chemically inert. Ideal for lubrication on plastics. Good water resistance.

Colour: clear beige  
Working temperature: -20 to 140°C  
EP 4 balls test: 315  
DN factor: 350 000



4607 A4	Aerosol 650 ml	x 12
3607 C4	Cartridge 400 g	x 12
3607 B7	Tin 1 kg	x 6
3607 O4	Drum 50 kg	x 1

## GRAISSE UNIVERSELLE 635

### clean grease

Sticky and non running grease, odourless, anti corrosion and compatible to any material. Resists humidity. For doors, locks, hinges, ways, chains, rubber pieces, plastic pieces, electrical appliance, tools, etc...

Colour: colourless  
Working temperature: -30 to 150°C  
DN factor: 350 000



4635 A4	Aerosol 650 ml	x 12
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# SPECIAL GREASES

## ENG CB 612 612

### lubricant gearing cables

Soft grease for cables, spur reduction gear boxes, conical and hypoid gears, teeth mechanisms. Quarry, public works, crushers, ski resorts... Excellent anti wear power, considerably increases teeth life.

Colour: brown

Working temperature: -50 to +220°C

EP 4 balls: 780

4612 A4	Aerosol 650 ml	x 12
3612 C4	Cartridge 400 g	x 12
3612 B7	Tin 1 kg	x 6
3612 S1	Pail 5 kg	x 2
3612 U1	Drum 180 kg	x 1

## CT BIO 687

### biodegradable

Multipurpose grease for usage in nature: locks & tide gates, dams, agriculture, timberland, cable car, public works, harbour areas... Excellent resistance to water and rainwater.

Colour: green

Working temperature: -25 to +145°C

EP 4 balls: 315

DN factor: 500 000

3687 C4	Cartridge 400 g	x 12
3687 O2	Drum 25 kg	x 1

## CT 300 628

### infusible grease

Grease with extreme pressure lubricating power, remarkable at high temperature. Not soluble in water. Without drop point, it does not run when possible overheating. Advised for steel industry (rolling mills...) rubber industry, cardboard industry, paper industry, for bearings, gearing...

Colour: clear brown

Working temperature: -40 to +210°C

3628 C4	Cartridge 400 g	x 12
3628 B7	Tin 1 kg	x 6
3628 S1	Pail 5 kg	x 2
3628 O4	Drum 50 kg	x 1

## CT 51 629

### without chlorine, sulphur or fluorine

Multipurpose grease for any kind of mechanism: bearing, hinges, ways... Resist to water and solvents.

Colour: white

Working temperature: -20 to +160°C



PMUC	6629 T3	Tube 100 g	x 12
PMUC	6629 C4	Cartridge 400 g	x 12
PMUC	6629 B7	Tin 1 kg	x 6

## CT 520 MA 632

### valve grease (petrochemical industry)

Sticky highly adhesive grease, especially appropriated for valves and taps in chemical, and petrochemical industry, furthermore in very cold areas.

Colour: white

Working temperature: -60 to 250°C

Drop point: none

Water resistance: very good

3632 O1	Drum 20 kg	x 1
3632 O4	Drum 50 kg	x 1
3632 U1	Drum 180 kg	x 1

## CT 698 698

### contact hydrocarbons grease

Lubrication in contact of petrol and hydrocarbons, loading arms in refineries, gas tap on vehicles. Valve lubrication in chemical industry.

Colour: blue

Working temperature: -35 to 75°C

Water resistance: very good

3698 C4	Cartridge 400 g	x 12
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## SI 4 621

### silicone grease

For mounting and greasing of all mechanisms. Water repellent. Excellent thermal conductivity, chemically inert. No effect on gaskets. Greasing of all elastomers.

Protects electrical appliances.

Colour: colourless

Working temperature: -40 to +200°C

Drop point: none

Water resistance: very good

3621 T3	Tube 100 g	x 12
3621 B7	Tin 1 kg	x 6
3621 O2	Drum 25 kg	x 1

## SI VIDE 633

### vacuum grease

Formulated for mounting and lubrication of all mechanism submitted to vacuum. Water repellent grease, very sticky, based on special silicone oils. Chemically inert. No damage on gaskets or elastomers.

Colour: colourless

Working temperature: -40 to +200°C

Drop point: none

Water resistance: very good

Vacuum resistance: 10<sup>-4</sup>

3633 T3	Tube 100 g	x 12
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## SI 20 646

### silicone grease

Reinforced anti wear and anti corrosion properties. For bearings, hinges and mechanisms working in very humid atmospheres with high speeds and medium loads.

Colour: beige

Working temperature: -30 to 160°C

3646 B7	Tin 1 kg	x 6
3646 O4	Drum 50 kg	x 1



# SPECIAL GREASES

## SI 450 648

### **gaskets greasing**

Silicone grease for gaskets mounting, greasing of all mechanism in contact with water. Water repellent. Excellent thermal conductivity, chemically inert. Keeps rubber gaskets flexible. Protection of all electrical devices. Greasing of all elastomers.

Colour: colourless  
Working temperature: -40 to +200°C  
Water resistance: very good



PMUC	6648 T4	Tube 200 g	x 12
PMUC	6648 B7	Tin 1 kg	x 6

## SI 528 649

### **industrial floodgates and taps**

Formulated for the mounting and greasing of all mechanisms. Water repellent. Excellent thermal conductivity, chemically inert. Lubrication of floodgates and taps in the industry. Metal, glass or plastic taps, polished neck, jack stem.

Colour: transparent  
Working temperature: -40 to 200°C  
Water Resistance: very good

	3649 T3	Tube 100 g	x 12
	3649 B7	Tin 1 kg	x 6
	3649 O2	Drum 25 kg	x 1

## SI ROBINET 651

### **sanitary floodgates and taps**

For household and industrial floodgates and taps lubrication. For metallic, glass and plastic taps. Compatible with all joints and elastomers. This grease is very stable in contact with hot water, cold water and in warm environment. Very stable in contact with solvents. Chemically inert.

Colour: colourless  
Temperature range: -40°C to +200°C  
Dropping point: nil  
Water resistance: very good



	3651 T3	Tube 100 g	x 12
	3651 B7	Tin 1 kg	x 6

## CT 683 683

### **gasket grease without silicone**

Especially formulated without silicone for mounting of gaskets in automotive industry. Greasing and sealing of all mechanisms. Chemically inert. No effect on gaskets. Greasing of all elastomers. Protects electrical devices against humidity.

Colour: fluorescent white  
Drop point: without  
Grade: 3  
Working temperature: -50 to 230°C  
Water resistance: very good



	3683 B7	Tin 1 kg	x 6
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## GRAISSE A L'ARGENT 634

### **electro conductive grease**

Lubricant for an impressive reduction of wear at electrical contacts, ensuring a perfect electrical continuity. For circuit breakers, selectors, switch... Resists to arcs.

Working temperature: -20 to +250°C

	3634 B2	Tin 250 g	x 6
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## VASCO 657

### **vaseline codex grease**

Fully appropriate for lubrication of delicate mechanism. Textile, food, pharmaceutical, or watch industry..

Colour: white  
Working temperature: -20 to +50°C  
NLGI grade: 3  
Water resistance: good



	3657 T3	Tube 100 g	x 12
	3657 B7	Tin 1 kg	x 6
	3657 S1	Pail 5 kg	x 2

## VASCO 15 658

### **delicate greasing**

Vaseline codex grease with no chlorine, no sulphur and no fluorine, fully appropriate for lubrication of small delicate mechanisms and gaskets. Delicate greasing of plastics, ways, cables, grooves, runners, locks.

Colour: white  
Working temperature: -20 to +50°C  
NLGI grade: 3  
Water resistance: good



PMUC	6658 T3	Tube 100 g	x 12
PMUC	6658 B7	Tin 1 kg	x 6

## FORAGE 50 688

### **drilling grease**

Drilling operations: water, petrol, gas. Anti seize lubrication of drills, drill pipes, drill pipe connections. Excellent anti corrosion and anti wear properties. Contact paste for electrical connections aluminium / aluminium.

Colour: grey  
Working temperature: -10 to 140°C  
EP 4 balls: >500 kg  
Water resistance: very good  
Mineral load: zinc

	3688 T4	Tube 200 g	x 12
	3688 S1	Pail 5 kg	x 2
	3688 O6	Drum 75 kg	x 1



# HIGH TECHNOLOGY GREASES

## NANOLUBRICANT® 2010

### semi synthetic top of the range

Grease with additive from innovative new technologies. Nanolubricant® range fulfils extraordinary expectations in high performance lubrication. Multipurpose grease, high efficiency. Perfect adherence to metallic surfaces. 5 times more efficient than best greases in the market.

Colour: black  
Working temperature: -30 to +230°C  
Speed: 500 to 8000 rpm

42010 A4	Aerosol 650 ml	x 12
32010 C4	Cartridge*400 g	x 12
32010 B7	Tin 1 kg	x 6
32010 O4	Drum 50 kg	x 1

\*Cartridge Lube Shuttle

## PISTOLET LUBE SHUTTLE 700062

### manual grease application gun

The gun is designed for Lube Shuttle® cartridges. It is ergonomic, quick, simple to use and clean. Cartridge remains visible during usage.

Greasing pressure:  
400 - 800 bars



700 062	Lube shuttle gun x 1
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## WSA 605

### marine grease

Sticks and resists to water and steam. Multipurpose. Appropriate for marine environment and hydraulic industries. Bearings, axles, ways... in chemical and petrochemical environment, for harbour equipment, waste-water treatment plants...

Working temperature: -30 to 130°C  
Colour: green  
EP 4 balls: 315  
DN Factor: 500 000



3605 T4	Tube 200 g	x 12
4605 A4	Aerosol 650 ml	x 12
3605 C4	Cartridge 400 g	x 12
3605 B7	Tin 1 kg	x 6
3605 O2	Drum 25 kg	x 1

## CTDMEP 2 606

### high temperature grease

Synthetic top range grease for heavy loads and high temperatures. Paper-mills, public works, textile, cardboard plants, steelworks. Excellent resistance in humid environment. High stability for a long term usage

Colour: blue  
Working temperature: -30 to 230°C  
EP 4 balls: 315  
DN Factor: 500 000

3606 C4	Cartridge 400 g	x 12
3606 B7	Tin 1 kg	x 6
3606 S1	Pail 5 kg	x 2
3606 O2	Drum 25 kg	x 1
3606 U1	Drum 180 kg	x 1

## CT 8 EP 617

### MoS<sub>2</sub> extreme pressure grease

MoS<sub>2</sub> lubricant especially formulated for usage in very hot environment with lots of constraints. Public works, transport, car equipments, mines, boiler rooms. Highly reduces noise and mechanism wear.

Colour: black-grey  
Working temperature: -20 to +230°C  
EP 4 balls: 315  
DN factor: 250 000

3617 C4	Cartridge 400 g	x 12
3617 B7	Tin 1 kg	x 6
3617 O4	Drum 50 kg	x 1

## CT 1240 619

### high performance grease

Fluorinated and teflonised infusible grease, especially appropriate for aggressive and corrosive environments. Epoxy chains rollers, valves for high oxidising materials or petrol... Excellent resistance to water.

Colour: white  
Working T°: -40 to 320°C  
EP 4 balls: 800



3619 T3	Tube 100 g	x 12
3619 B6	Tin 500 g	x 6
3619 C5	Cartridge 800 g	x 1
3619 B7	Tin 1 kg	x 6
3619 S1	Pail 5 kg	x 2

## CT 830 616

### high efficiency grease

Synthetic fluorinated grease, resistant to hydrocarbons, chlorinates... Very stable within the time. Advised for difficult greasing: refineries, chemical factories... Appropriate for conveyors greasing in epoxy painting booths.

Colour: white  
Working temperature: -40 to 280°C  
EP 4 balls: 800



3616 T3	Tube 100 g	x 12
3616 C5	Cartridge 800 g	x 1
3616 B7	Tin 1 kg	x 6
3616 S1	Pail 5 kg	x 2

## CT 630 672

### fluorine silicone grease

Synthetic grease for very high technology, especially formulated to resist at heavy chemical strength: acids, strong oxidising products, solvents, hydrocarbons. Bearings, fans, ovens, conveyors, electrical connectors. High stability within the time and in every kind of atmosphere.

Colour: white  
Working temperature: -40 to +280°C

3672 T3	Tube 100 g	x 12
3672 C4	Cartridge 400 g	x 12
3672 B7	Tin 1 kg	x 6



# HIGH TECHNOLOGY GREASES

## M1RB LUBRIMOLY M2 639

### long term greasing

High technology grease with MoS<sub>2</sub> for long term greasing in aeronautical industry, aerospace (Ariane Espace approved), army. Remains efficient a long time, even on pieces submitted to movements with a low frequency. Very stable to temperature changes.

Colour: dark grey  
Working temperature: -30 to +160°C  
EP 4 balls: 315



3639 T4	Tube 200 g	x 12
3639 C4	Cartridge 400 g	x 12
3639 B7	Tin 1 kg	x 6

## SI 33 652

### high technology silicon based grease

Very performing grease, at low temperature. It avoids joints' bonding and deformation. Frequent washing and oxidation resistant. Excellent for bearings, plastic materials, elastomers, joints, camshafts and runners. Solvents and chemical agents resistant.

Colour: white  
Temperature range: -60°C to +175°C  
Water resistant: very good



3652 T3	Tube 100 g	x 12
3652 C4	Cartridge 400 g	x 12
3652 B7	Tin 1 kg	x 6

## WSA PB 659

### gears in extreme conditions

Sticky grease, extreme pressure resistant, with very good adhesion and resistance to water. For open gears, toothed wheel, cam, working in humid environment: cement works, harbour cranes, public works, quarries...

Colour: brown  
Working temperature: -30 to +120°C  
EP 4 balls: >500  
Grade NLGI: 1  
Mineral load: zinc



3659 C4	Cartridge*400 g	x 12
3659 B7	Tin 1 kg	x 6
3659 S1	Pail 5 kg	x 2
3659O4	Drum 50 kg	x 1

\* silicone kind

## M4 660

### high temperature grease

In-fusible grease with MoS<sub>2</sub>. Extreme pressure, does not run. Very stable during lifetime. Very stable at temperature. For bearings, axles, hinges, pumps, cable tensors...

Colour: dark grey  
Working temperature: -35 to +225°C  
NLGI grade: 2  
Drop point: without



3660 C4	Cartridge 400 g	x 12
3660 B7	Tin 1 kg	x 6
3660 O4	Drum 50 kg	x 1
3660 U2	Drum 180 kg	x 1

## CT 665 665

### severe conditions, wear and shocks

Grease formulated with a calcium sulfonate soap. Especially designed for very severe conditions: extreme pressure, wear, shocks, water resistance. Gears, oven bearings, casting rolls, axles, chassis... for agriculture, civil engineering, marine, foundries, public works.

Colour: caramel  
Working temperature: -25 to +190°C  
EP 4 balls: 480  
Water resistance: very good



3665 C4	Cartridge 400 g	x 12
3665 B7	Tin 1 kg	x 6

## M6 675

### high speed and low temperature

Synthetic grease with lithium soap. Extreme pressure, resistance to low temperatures, ideal grease for lubrication in cold areas like poles, in very high mountains and in the refrigerating industry. Resists heavy loads and very high speed. Appropriate for spindle bearings and every bearing with big diameter at high speed.

Colour: brown to beige  
Working temperature: -70 to +120°C  
EP 4 balls: 350  
DN Factor: 1 000 000

3675 B7	Tin 1 kg	x 6
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## M7 674

### aeronautical grease with MoS<sub>2</sub>

Extreme pressure synthetic grease reinforced with molybdenum disulphide. Excellent behaviour at low temperatures and resists very high rotation speed for bearing with large diameter. Supports heavy loads and chocks. Ideal grease for lubrication in cold areas like poles, very high mountains, refrigerating industry or aeronautical applications.

Colour: black  
Working temperature: -70 to 120°C  
DN factor: 1 000 000

3674 B7	Tin 1 kg	x 6
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## SITEF GRADE 1 626

### soft silicone grease with Teflon®

High performance grease, advised for vacuum lubrication, with alkaline or basic products when a soft grease is required. Has an excellent water resistance. Greasing plastic to plastic. Ideal at very cold temperature, does not stain. For cold industry, chemical industry, petrol industry, industrial bakeries, aeronautical environment...

Colour: white  
Working temperature: -60 to +280°C



3626 B7	Tin 1 kg	x 6
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## SITEF GRADE 2 620

### silicone grease with Teflon®

High performance grease, advised for vacuum lubrication, with alkaline or basic products. Has an excellent water resistance. Greasing plastic to plastic. Does not stain. For balls bearings (slow velocity) working at very high or very low temperature, plumbing fixtures, valves... in cold industry, chemical industry, petrol industry, industrial bakeries, aeronautical environment...

Colour: white  
Working temperature: -60 to +280°C



3620 T4	Tube 200 g	x 12
3620 C4	Cartridge 400 g	x 12
3620 B7	Tin 1 kg	x 6

# HIGH TECHNOLOGY GREASES

## SITEF 3 654

### Teflon® silicone, grade 3

Lubrication and sealing of valves and metallic, glass or plastic taps. Compatible with all gaskets. Vacuum lubrication with low and high temperatures. Excellent resistance to water and chemicals.

Colour: white  
Working temperature: -60 to + 280°C



3654 C4	Cartridge 400 g	x 12
3654 B7	Tin 1 kg	x 6

## CT 662 662

### synthetic high performance

Polyurea based soap. Excellent resistance to water, wear... Compatible nearly to every kind of grease. Exceptional lifetime at high temperature. For bearings submitted to water, load, speed and temperature: electric motors, fan, conveyors...

Colour: brown yellow  
Working Temperature: -40 to + 190°C  
EP 4 balls: >320  
DN Factor: 250 000

3662 C4	Cartridge 400 g	x 12
3662 B7	Tin 1 kg	x 6

## CT RAD 668

### radiation resistance

Very long time lubrication for mechanisms, resists to nuclear radiations, to very severe wear and shocks conditions. Nuclear industries: armament, x-ray units, energy...

Colour: brown  
Working temperature: -30 to 165°C  
EP 4 balls: 200 kg  
Resistance: 1,5 - 10°

3668 B7	Tin 1 l	x 6
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## SIL 50/50 823

### surface treatment

MoS<sub>2</sub> silicone paste. Exceptional resistance to corrosive chemicals, water, steam and oxidation. Lubrication of mechanism submitted to low temperatures.

Colour: bluish grey  
Working temperature: -50 to +300°C



3823 T3	Tube 100 g	x 12
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## IPL 2901 B 667

### grease stable to radiation

Unique in the world, resists high nuclear radiation during many months. For very severe wear and shock conditions. Lubrication for very long periods of shears for cutting and treatment of radioactive waste. Fabrication upon special request only. Approved by COGEMA.

Colour: brown  
Working temperature: -20 to 350°C  
EP 4 balls: 650 kg  
Resistance: 2.108 rad

Upon request

## POMPE A GRAISSE 700012

### grease pump

Appropriate for standard 400 g cartridges for manual lubrication.

700 012	Standard pump	x 1
700 022	Pump hook	x 1

# FOOD APPROVED GREASES

## CT 615 615

### white grease

Food and pharmaceutical industries. Resist to water and detergents. Direct and central greasing. Bearings, cams, packing machines, biscuits conveyors, fruits, drinks, cheeses, meats.

Colour: white  
Working temperature: -20 to +160°C



3615 T3	Tube 100 g	x 12
3615 C4	Cartridge 400 g*	x 12
3615 B7	Tin 1 kg	x 6
3615 S1	Pail 5 kg	x 2
3615 O4	Drum 50 kg	x 1

\* Also available on Lube Shuttle cartridge

## CT FLON AL 618

### Teflon® grease

Greasing under heavy loads with Teflon® lubricating effect, noise reduction. Chemically inert. Excellent water resistance, very sticky. Bearings, conveyors... Ideal on plastics.

Colour: off white  
Working temperature: -40 to +170°C  
DN factor: 350 000



3618 A4	Aerosol 650 ml	x 12
3618 C4	Cartridge 400 g	x 12
3618 B7	Tin 1 kg	x 6
3618 S1	Pail 5 kg	x 2

## CT 609 609

### translucent grease

Does not stain, excellent water resistance. For chains, hinges, slides, cutting knives on packing belts, sliding surfaces.

Colour: translucent  
Working temperature: -30 to +150°C  
Drop point: > 250°C



4609 A4	Aerosol 650 ml	x 12
3609 T4	Tube 200 g	x 12
3609 C4	Cartridge 400 g*	x 12
3609 B7	Tin 1 kg	x 6
3609 O4	Drum 50 kg	x 1

\* Also available on Lube Shuttle cartridge



# CHAINS OILS

## CB5 802

### MoS<sub>2</sub> chain lubricant

Penetrating lubricant based on MoS<sub>2</sub>. Anti oxidising properties, reinforced extreme pressure and anti wear power. Lubrication of chains, conveyors, mechanisms... working at high temperature under heavy loads and in dusty atmosphere. Acknowledge by SEDIS.

Colour: black  
Working temperature: -30 to +230°C

4802 A4	Aerosol 650 ml	x 12
2802 i2	Bottle 1 l	x 12
2802 J1	Can 5 l	x 4
2802 O5	Drum 60 l	x 1

## CB6 806

### clean lubricant for chains

Semi synthetic water resistant fluid. Anti-oxidising and anti-wear properties, for high temperatures. Does not stain, does not attract dust. Conveyors, forklift trucks, agricultural tooling, hobbies... Acknowledge by SEDIS.

Colour: brown  
Working temperature: -30 to +280°C

4806 A4	Aerosol 650 ml	x 12
3806 i2	Bottle 1 l	x 12
3806 J1	Can 5 l	x 4
3806 O1	Drum 20 l	x 1
3806 U2	Drum 200 l	x 1

## CBL 539 821

### high temperature chain lubricant

Synthetic oil with graphite, does not leave any residue that would be harmful for mechanism submitted to very high temperatures: product evaporate leaving a dry and lubricating film, without gloss or gum. Chains for conveyors, ovens, stenter machines, working at low speed and temperature between +280°C and +900°C.

Colour: black  
Working temperature: -30 to +900°C

3821 i2	Bottle 1 l	x 12
3821 J1	Can 5 l	x 4

## G 105 X 663

### graphite lubricant for chains

Mineral oil with graphite for mechanisms working at high temperature and under high stress. Not soluble in water, protect against corrosion. Without silicone. Advised for chains and conveyors lubrication in textile industry, petrol platform, harbour areas, glass works, automotive industry... Advised in special applications: deformation, cutting, drilling.

Colour: black  
Working temperature: up to 240°C

3663 O1	Drum 20 kg	x 1
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# FOOD APPROVED OILS

## FINE 121 810

### light oil

Clean and very fluid lubricant for delicate greasing. Lubrication of micro-mechanisms, control tooling, pneumatic networks, chains in food industry. Acknowledge by SEDIS.

Colour: colourless  
Working temperature: -30 to +150°C



4810 A4	Aerosol 650 ml	x 12
2810 R1	Can 125 ml	x 12
2810 J1	Can 5 l	x 4

PMUC 6810 A4	Aerosol 650 ml	x 12
PMUC 6810 R1	Can 125 ml	x 12

## SILAL 812

### food approved silicone lubricant

Mould releaser for materials for food and pharmaceutical industries. Water repellent lubricant for chains, conveyors, open mechanisms, in incidental contact with food. Pharmaceutical industry, folding and packing of nappies...

Colour: colourless  
Odour: odourless  
Working temperature: -40 to +180°C



4812 A4	Aerosol 650 ml	x 12
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## ORAFON AL 707

### food approved Teflon® lubricant

Very high technology lubricant. Gives all treated mechanisms long term lubrication. Does not stain. Improve friction coefficient and eliminate noises. For food industry (slaughterhouse, bottle conveyors...)

Colour: white  
Working temperature: -20 to +230°C



4707 A4	Aerosol 650 ml	x 12
2707 M1	Sprayer 100 ml	x 12
2707 i2	Bottle 1 l	x 12
2707 J1	Can 5 l	x 4

## FOOD APPROVED OILS

### HUILE L 305 565

#### synthetic multipurpose oil

Multipurpose lubricant with a much higher anti-wear power than traditional lubricants. Cleans, penetrates and lubricates very quickly. Protects against corrosion. Oils destined to slaughterhouses, canning plants, biscuit, cheese plants... for all kind of lubrication: chain, gearing, gear wheel, ways.

Working temperature: -35 to +135°C.  
Viscosity at 40°C : 105 cSt



4565 A4	Aerosol 650 ml	x 12
2565 J1	Can 5 l	x 4

### SILICONE V 300 825

#### silicone oil

To be used pure, strong water repellent power. To be used with a large temperature range without risk to congeal, chemically inert, resists during months even with frequent washes. Lubrication of all mechanisms, notably in cosmetic industry (lipstick mechanisms). Pharmaceutical grade, cosmetics.

Colour: colourless  
Working temperature: -52 to +200°C  
Viscosity at 40°C: 300 cSt



2825 I2	Bottle 1 kg	x 12
2825 J1	Can 5 kg	x 4



## MULTIPURPOSE OILS

### CBL 275 758

#### lubricant for underground conveyors

High technology, high efficiency, clean and synthetic lubricant. Reinforced penetration power thanks to special agents. Excellent anti-rust and anti-wear properties. Does not contain silicone. Excellent for dusty atmosphere, under heavy load. Especially formulated for lubrication of chains and conveyors of logistic platform.

Colour: orange yellow  
Working temperature: -30 to +90°C  
Viscosity at 40°C: 7.2 cSt  
Flow point: -30°C

2758 U2	Drum 200 l	x 1
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### ORALUB 32 894

#### turbine, broach

For anti-corrosion protection of lubricate surfaces. Very low friction coefficient, anti-slip and anti-stick properties, excellent anti-jerk properties, appropriate for central greasing systems. For quick broach movements, hydraulic pumps and motors, precision mechanisms.

Colour: yellow  
Viscosity 40°C: 32  
Flow point: -21°C

2894 J1	Can 5 l	x 4
2894 U2	Drum 208 l	x 1

### ORALUB 46 893

#### hydraulic, ways

Multipurpose lubricant with lasting anti-oxidising, anti-wear and extreme pressure agents. Especially formulated for power train. Appropriate for central greasing systems and greasing through oil fogger. Applications on hydraulic motors and pumps, on precise tooling machines.

Colour: yellow  
Viscosity 40°C: 46 cSt  
Flow point: -18°C

2893 J1	Can 5 l	x 4
2893 U2	Drum 208 l	x 1

### ORALUB 68 895

#### ways, gearing

Oil with high grip and extreme pressure additives and which guarantees anti-corrosion protection of lubricated surfaces. Avoids frictions and vibrations. For all ways, whatever speed or load conditions, machine tool, cables, gearing, hydraulics...

Colour: yellow  
Viscosity 40°C: 68 cSt  
Flow point: -15°C

2895 J1	Can 5 l	x 4
2895 O5	Drum 60 l	x 1

### CB 831 831

#### gearing

Fluid lubricant of high technology, highly adhering, resistant to high temperatures under heavy loads. Contains extreme pressure additives, reinforced anti-corrosion additives. No rift formation in case of lubrication through bubbling. Naked gearing, cranes, public works, harbours, ore ball crusher, cable car, moving bridges...

Colour: brown  
Viscosity at 40°C: 220 cSt  
Flash point: 260°C

2831 I2	Bottle 1 l	x 12
2831 J1	Can 5 l	x 4





# SILICON OILS

## SILICON OILS

### lubrifiant et démoulant

Powerful mould releaser, leaving no residues at warm use.  
Lubricate plastics and rubber gaskets without damage.  
To be used with a large temperature range without risk to congeal, chemically inert, no risk of corrosion, resists during months even with frequent washes.  
Lubricate all mechanism, notably mechanism submitted to a very humid atmosphere. To be used pure.

Colour: colourless



	Viscosity at 40°C	Working temperature
829	100 cSt	-50°C to +200°C
826	350 cSt	-50°C to +200°C
834	1000 cSt	-50°C to +200°C
746	7500 cSt	-45°C to +200°C
768	20000 cSt	-42°C to +200°C
883	60000 cSt	-40°C to +250°C

	Bottle 1 kg x 12	Can 5 kg x 4	Drum 10 kg x 1	Drum 20 kg x 1	Drum 200 kg x 1
829	2829 i2	2829 J1	-	-	-
826	2826 i2	2826 J1	-	-	-
834	2834 i2	2834 J1	-	-	-
746	-	2746 J1	2746 J2	-	2746 U2
768	2768 i2	-	-	2768 O1	-
883	-	-	-	2883 O1	-

Other viscosities and packagings available for special productions.



## SILICONE SPRAY 803

### lubricant and mould releaser

Silicone oil in aerosol for a precise and light application. Excellent for mould releasing of rubber and plastics.  
Very strong water repellent power.  
Resists frequent washes. Lubrication of guillotine table and blade. Anti adhering, anti static, lubrication of conveyors, sliding paths in packing and textile industry.

Colour: colourless  
Working temperature: -50 to +200°C



4803 A4 Aerosol 650 ml x 12

PMUC 6803 A4 Aerosol 650 ml x 12

## CTSI 809

### extreme conditions

High viscosity lubricant for a maximum resistance to bad weather.  
For semi greasy lubrication of chains, conveyors, plastics, rubbers, locks, joint-frame, open mechanisms, pharmaceutical industry, lubrication of poles for ski lifts...  
Excellent mould releaser.

Colour: colourless  
Working temperature: +60 to +200°C



4809 A4 Aerosol 650 ml x 12

## SILICON OILS

### ESIL 10/10 822

#### sliding agent for rubber

Water-based, not flammable and without V.O.C. Silicone emulsion for a perfect metal/plastic sliding.  
Concrete, rubber and other plastics mould releasing. Excellent lubricant, for production and mounting of doors, windows, for shoes industry...  
Can be used neat or diluted.

Colour: white

3822 J1	Can 5 l	x 4
3822 O1	Drum 20 l	x 1

### LUBRIFIANT 836 836

#### semi greasy silicone

Fluid lubricant based on pre-diluted silicone in order to get a semi greasy product. Water repellent mould releaser. Resist to oxidation and chemicals. Advised for metals. Does not damage plastics, nor rubber.  
Forms an anti adhering and lubricant film.

Working temperature: -45 to +200°C

2836 J1	Can 5 l	x 4
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## MOULD RELEASING OILS

### ORATEN 811

#### mould releaser without silicone

Multipurpose mould releasing and lubricating product with no silicone, for plastics and rubbers. Allow further welding, moulding from casting, electro depositing and printing.  
Used in wood industry to make balls and trays slide.

Colour: colourless

4811 A4	Aerosol 650 ml	x 12
2811 J1	Can 5 l	x 4
2811 O5	Drum 60 l	x 1

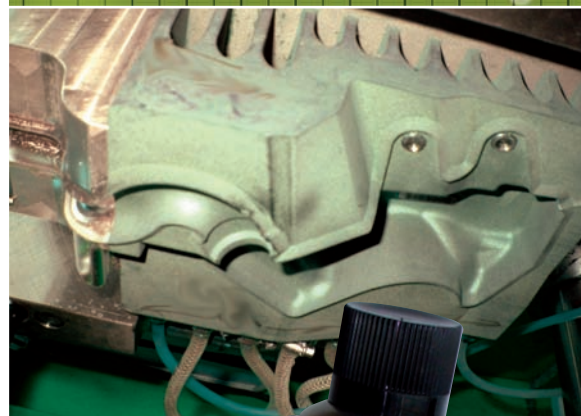
### PEI 35 838

#### mould releaser for difficult conditions

Product for mould releasing on plastics and rubber when complex shapes that are difficult to release. Excellent anti-adherent for special polymers. This product without silicone makes it possible to paint or print after mould releasing. Does not stain.  
Frequently used as mould releaser for plastics, gives clean pieces with perfect dimensions.

Colour: colourless

4838 A4	Aerosol 650 ml	x 12
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## ADDITIVES FOR OILS

### FLUDE HM 832

#### MoS<sub>2</sub> additive for mineral oils

Colloidal suspension of MoS<sub>2</sub> for efficiency improvement of all mineral oils. Reinforce extreme pressure and anti-wear power. Highly decreases warming up of tooling and friction, eases running in and avoids tooling quick wear. Advised for gear boxes, variators, bearings...

Colour: black  
Concentration: 5 to 10%

3832 i2	Bottle 1 l	x 12
3832 J1	Can 5 l	x 4

### DOPE SBW 860

#### additive for every oil

Increase efficiency of oils. Soluble with every mixing ration, even in additivated oils. Reinforce extreme pressure and anti wear power. Reduces tooling warming up and avoid its premature wear. Advised for gear boxes, dimmers, gearing, bearings... in aeronautics, agriculture, industry...  
Ideal to improve the efficiency of soluble cutting oils.

Mixing ratio: 0.5 to 5%

2860 O1	Can 20 kg	x 1
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## FLUORINATED OILS

### FLUIDE 830 830

#### synthetic lubricant

Fluid lubricant of very high technology, resistant to aggressive chemicals: strong oxidising agents, vapour, oxygen, hydrocarbons and high temperature. Compatible with plastics. Can be used as a mould releaser.

Colour: colourless  
Aspect: viscous liquid  
Odour: odourless  
Working temperature: -30 to 230°C  
Density: 1.9  
Viscosity at 40°C: 89 cSt



4830 A2	Aerosol 405 g	x 12
3830 i2	Bottle 1 kg	x 1
3830 J1	Can 5 kg	x 4

### FLUORE 60 669

#### synthetic lubricant

Fluid lubricant of high technology, resistant to aggressive chemicals: strong oxidising agent, vapour, oxygen, petrol base compounds and high temperature. Compatible with plastics. Can be used as a mould releaser.

Colour: colourless  
Aspect: liquid  
Odour: odourless  
Working temperature: -40 to 280°C  
Density: 1.88  
Viscosity at 40°C: 30



3669 i2	Bottle 1 kg	x 1
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### FLUORE 6 685

#### synthetic lubricant

High technology very fluid lubricant resistant to aggressive chemicals: strong oxidising products, vapour, oxygen, helium, hydrocarbons and high temperatures. Compatible with plastics. Can be used as a mould releaser.

Colour: colourless  
Aspect: fluid liquid  
Odour: odourless  
Working temperature: -40 to 280°C  
Density: 1.83  
Viscosity at 40°C: 3.5



3685 O1	Drum 20 kg	x 1
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## MECHANICAL OILS

### NANOLUBRICANT® 2020

#### high technology

Very sticky water repellent fluid with revolutionary additives. For cables, chains and gears. Resists to high temperatures and heavy loads. Reinforced anti-corrosion and anti wear properties. Increases lubrication longevity by 5, reduces wear by 4 and reduces friction by 2.

Colour: black  
Working Temperature: +300°C

42020 A4	Aerosol 650 ml	x 12
22020 i4	Spray bottle 1 l	x 6
22020 J1	Can 5 l	x 4

### MOLIQ 837

#### self cleaning lubricant

Extreme pressure fluid based on MoS<sub>2</sub>. Developed for external lubrication of shunting bearing, railways and all mechanism that work punctually and are subject to dirt. Cleans and lubricate in a single operation. Urban metropolitan, tramway, railways...

Colour: black  
Working temperature: -40 to +180°C  
Extreme pressure:  
800 kg



4837 A4	Aerosol 650 ml	x 12
2837 i2	Bottle 1 l	x 12
2837 J1	Can 5 l	x 4
2837 O1	Drum 20 l	x 1



### ORAFLOX 705

#### Teflon® lubricant

High technology lubricant for a long term usage, semi-greasy. Reinforced anti wear and anti oxidation properties, excellent adherence. Very low friction coefficient. Excellent resistance to water and low temperatures. For chains, cables, slides, delicate mechanisms...

Colour: brown  
Working temperature: -20 to +230°C



2705 M1	Sprayer 100 ml	x 12
4705 A2	Aerosol 405 ml	x 12
2705 i2	Bottle 1 l	x 6
2705 J1	Can 5 l	x 1

### G 840 840

#### glycerine oil

Refined lubricant for delicate greasing. Very fluid, to be use for lubrication of micro-mechanisms, control devices and pressure gauge filling. Does not stain.

Colour: colourless  
Working temperature: -20 to +70°C



PMUC 6840 i2	Bottle 1 l	x 12
PMUC 6840 O1	Drum 20 kg	x 1



# METAL WORK - EVANESCENT FLUIDS

## FTS 60 878

### stamping and cutting, thick metal sheets

Fluid for forming operations with complex shapes. Leaves a light very resistant film that protects pieces against corrosion. Perfectly appropriate for various operations on metals and alloys, even coated and very thick.

Colour: yellow  
Viscosity at 25°C: 2.8 cSt

2878 i2	Bottle 1 l	x 12
2878 J1	Can 5 l	x 4
2878 O1	Drum 20 l	x 1
2878 U2	Drum 200 l	x 1

## FTS 32 874

### medium stamping and cutting

Evanescent fluid for forming operations with complex shapes. Leaves a light very resistant residual film that protects pieces against corrosion. For metal sheets of medium thickness, up to 20/10mm, contains extreme pressure agent. Automatic stamping: packaging, bonnets, complex pieces, precise cutting, forming, lamination.

Colour: colourless  
Viscosity at 25°C: 1.5 cSt

2874 J1	Can 5 l	x 4
2874 O1	Drum 20 l	x 1
2874 U2	Drum 200 l	x 1

## FTS 58 877

### stamping and cutting low thickness

Fluid with no chlorine and no sulphur for delicate forming operations of materials with low thickness, thanks to its extreme pressure agents. It is appropriate for most operations: stamping, folding, forming, cutting... of all metals and special alloys, even coated. Automatic stamping: packaging, tubes, fins, heat exchangers...

Colour: yellow  
Viscosity at 25°C: 1.18 cSt

2877 O1	Drum 20 l	x 1
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## FTS 230 856

### stamping and cutting, thick metal sheets

Vanishing oil for all very difficult deformation operations, with complex shapes. Leaves a very resistant film. Very efficient on thick metal sheets thanks to its extreme pressure agents. Automatic stamping: taps, fins, packaging of any kind.

Colour: colourless  
Viscosity at 25°C: 1.6 cSt



2856 i2	Bottle 1 l	x 12
2856 O1	Drum 20 l	x 1
2856 O5	Drum 60 l	x 1
2856 U2	Drum 200 l	x 1



## FTS 18 869

### stamping and medium cutting

Fluid for very difficult forming operations, with complex shapes. Works very well on low - medium thick metal sheets (up to 20/10mm) thanks to its extreme pressure agents. Leaves no residues.

Colour: colourless  
Viscosity at 25°C: 1.3 cSt



2869 i2	Bottle 1 l	x 12
2869 O1	Drum 20 l	x 1
2869 U2	Drum 200 l	x 1

## FTS 21 872

### stamping and cutting with low thickness

Thermo degradable fluid with no chlorine or sulphur for delicate forming operations with low thickness materials, for food and pharmaceutical industry. Leaves a light residual film, nearly imperceptible

Colour: colourless  
Viscosity at 25°C: 1.45



2872 O1	Drum 20 l	x 1
2872 U2	Drum 200 l	x 1

## FTS 230 C 856C

### thick metal layers in heavy rate of work

Deforming fluid for complex shapes and high consumption related to an important activity. For thick metal pieces, contains extreme pressure agents. For cutting, folding, forming of steel sheets. Stamping, folding, cutting, stamping of all metals and special alloys. Automatic stamping: taps, bodies, packaging of all kind...

Colour: colourless  
Viscosity at 25°C : 1,6 cSt



2856CN1	Container 1000 l	x 1
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## METAL WORK - CUTTING OILS

### FILDUC 1879 859

#### tapping, drilling, sawing

Cutting oil with very good extreme pressure and anti-wear properties. Multipurpose and efficient. Exceptional grip on drills and taps. Excellent for difficult tapping on blind and not blind holes and for all kind of steels and stainless steels.

Colour: brown  
Viscosity at 40°C: 510 cSt



4859 A4	Aerosol 650 ml	x 12
2859 R1	Can 125 ml	x 12
2859 J1	Can 5 l	x 4
2859 O1	Drum 20 l	x 1
2859 U2	Drum 200 l	x 1

### FILDUC BIO 912

#### biodegradable

For all machining operations, oil fully formulated with bases and additives selected for their efficiency/biodegradability balance. For all kind of operation, tools and materials. Especially formulated for works in forest, near rivers, pound, for agriculture, in ski resorts, in quarries...

Colour: brown

4912 A4	Aerosol 650 ml	x 12
2912 J1	Can 5 l	x 4



### FILDUC 2000 888

#### without chlorine, without sulphur

Cutting oil with very high extreme pressure and anti-wear power, and without halogenated agents. Formulation and viscosity appropriate for all usages on all materials, especially on titan and in military and aeronautical industry.

Colour: yellow  
Viscosity at 40°C: 21 cSt

3888 J1	Can 5 l	x 4
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### FILDUC 2030 889

#### machining on soft steels, aluminium

Extreme pressure and anti-wear cutting oil for turning, milling, boring, drilling, cutting out and any difficult machining on aluminium and it's alloy, soft steels and cast iron. Can be sprayed on automatic machining wheel thanks to it's fluidity. Ideal for precision machining.

Colour: yellow  
Viscosity at 40°C: 12,5 cSt

2889 R1	Can 125 ml	x 12
2889 J1	Can 5 l	x 4
2889 O1	Drum 20 l	x 1

### FILDUC 4038 890

#### high efficiency

Very fluid cutting oil with high extreme pressure and anti-wear power. Formulation and viscosity appropriate for all usages on all materials, which makes it a real multipurpose and efficient product. Excellent for difficult tapping on blind holes, copper and its alloys, all steels and stainless steels. Multipurpose products for automatic spraying systems.

Colour: pale yellow  
Viscosity at 40°C: 13.6 cSt

2890 R1	Can 125 ml	x 12
2890 i2	Bottle 1 l	x 12
2890 J1	Can 5 l	x 4

## METAL WORK - TAPPING PASTES

### TA 1800 886

#### tapping paste

Cutting paste with high extreme pressure and anti-wear power, easy to apply on tools. Does not run. Increase tools life. Formulation and consistency appropriate for any usage, on any material, which makes it a real multipurpose and efficient product. Exceptional grip on taps and drills, even in vertical down under applications.

Colour: beige

3886 B6	Tin 500 g	x 6
3886 S1	Pail 5 kg	x 2



## METAL WORK - CUTTING OILS

### OLDUC 1227 SF 855

#### hard steels / stainless steel machining

Extreme pressure and anti-wear cutting oil for turning, milling, drilling, boring, bar turning and any difficult machining on stainless steel and treated alloys steel. Can be used sprayed on automatic lathe thanks to its fluidity.

Colour: clear brown  
Viscosity at 40°C: 38 cSt

2855 R1	Can 125 ml	x 12
2855 J1	Can 5 l	x 4
2855 O5	Drum 60 l	x 1

### 2000 NUCL 858

#### no chlorine, no sulphur, no fluorine

Cutting oil with very good extreme pressure and anti wear properties. Does not contain halogenated agents. Quickly clears calories generated by machining. It's formulation and viscosity are appropriate for all usages and all materials, especially for titan and stainless steel in nuclear industry.

Colour: yellow  
Viscosity at 40°C: 21 cSt



PMUC	6858 A4	Aerosol 650 ml	x 12
PMUC	6858 i1	Bottle 500 ml	x 12

### FTS 10 NU 865

#### colourless and odourless

Synthetic colourless and odourless fluid with high anti wear and extreme pressure power. Contains no sulphur, no chlorine and no fluorine. For tapping and drilling of all metals, avoids premature wear of cutting tools. To be applied pure, with brush or by spraying.

Colour: colourless  
Viscosity at 20°C: 180 cSt



PMUC	6865 i1	Bottle 500 ml	x 12
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## METAL WORK - BATH TREATMENTS

### ORACOU 91 854

#### fungicide treatment

Bactericide and fungicide product with cleaning action for correcting of baths damaged through bacterial pollution. Sanitises baths that are getting polluted, i.e. with a bad smell and presence of sludge. The bath will recover initial aspect and odour 24 to 48 hours following the treatment.

Colour: colourless  
Usage concentration: 1% to 5%

2854 i2	Bottle 1 kg	x 12
2854 J1	Can 5 kg	x 4

### ANTIMOUS 587

#### bubble eliminator

Additive formulated with stabilised co-polymers of very high purity in order to eliminate foam in aqueous solutions. Without silicone. Foam is eliminated within a few seconds in water-soluble cutting oils lubricants, scale removers and detergents, especially when they are strongly shake. To be used in small quantity.

Colour: white  
pH: 7.5

2587 i2	Bottle 1 kg	x 1
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### REFRACTOMETRE 700 014

#### concentration control

Measuring device that shows the concentration of your cutting fluid bath within a few seconds, thanks to graphics to be found in our technical data sheets. Avoids working with over or under concentration and allow a work optimisation. Saves cutting fluid and guaranty a permanently efficient bath.

700 014	Device	x 1
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# METAL WORK - CUTTING FLUID

## ORACOUP 311 851

### difficult metal working

Chlorinated emulsion, special for machining of metals that are particularly difficult to work or with high thickness, stainless steel or ferrous metals. Turning, milling, drilling, tapping, boring.

Colour: brown  
Usage concentration: 4 to 6%  
pH at 5%: 9 to 10



2851 i2	Bottle 1 l	x 12
2851 O1	Drum 20 l	x 1
2851 U2	Drum 200 l	x 1

## ORACOUP 32 882

### non ferrous metals

Emulsion without chlorine, with high concentration of additives for unction and anti-wear, for machining of non ferrous metals, copper alloys, titan, aluminium, copper, soft steels, semi-soft steels and light alloys. Turning, milling, drilling, tapping.

Colour: brown  
Mixing ratio: 4 to 6%  
pH at 5%: 9 to 10

2882 O1	Drum 20 l	x 1
2882 U2	Drum 200 l	x 1

## ORACOUP 11 880

### precision grinding

Synthetic oil in solution, especially formulated for precision grinding, guarantee an excellent internal and external protection for steel, cast iron, ferrous and non ferrous metals, bearing tracks, bearings, chock... Product easy to filter. Does not produce foam, even in most difficult forming conditions.

Colour: green  
Mixing ratio: 2 to 3%  
pH at 3%: 9 to 10

2880 J1	Can 5 l	x 4
2880 O1	Drum 20 l	x 1
2880 U2	Drum 200 l	x 1

## ORACOUP 252 852

### multipurpose, long term

Micro-emulsion without chlorine for milling, turning and sewing of ferrous metals and white alloys, appropriate for large chip metal removal. Product with an excellent mechanical and microbial stability in order to get less frequent fluid change.

Colour: yellow  
Usage concentration: 2 to 6%  
pH at 5%: 9 to 10

2852 i2	Bottle 1 l	x 12
2852 J1	Can 5 l	x 4
2852 O1	Drum 20 l	x 1
2852 U2	Drum 200 l	x 1

## ORACOUP 892 892

### no chlorine, no sulphur, no fluorine

Micro-emulsion for milling, turning and sawing of ferrous metals and white alloys, appropriate for high volume metal chip removal. Product with an excellent mechanical and microbial stability, which makes it possible to keep the bath longer.

Colour: yellow  
Mixing ratio: 2 to 6%  
pH at 5%: 9 to 10



PMUC	6892 J1	Bottle 5 l	x 4
PMUC	6892 O5	Drum 60 l	x 1
	6892 U2	Drum 200 l	x 1

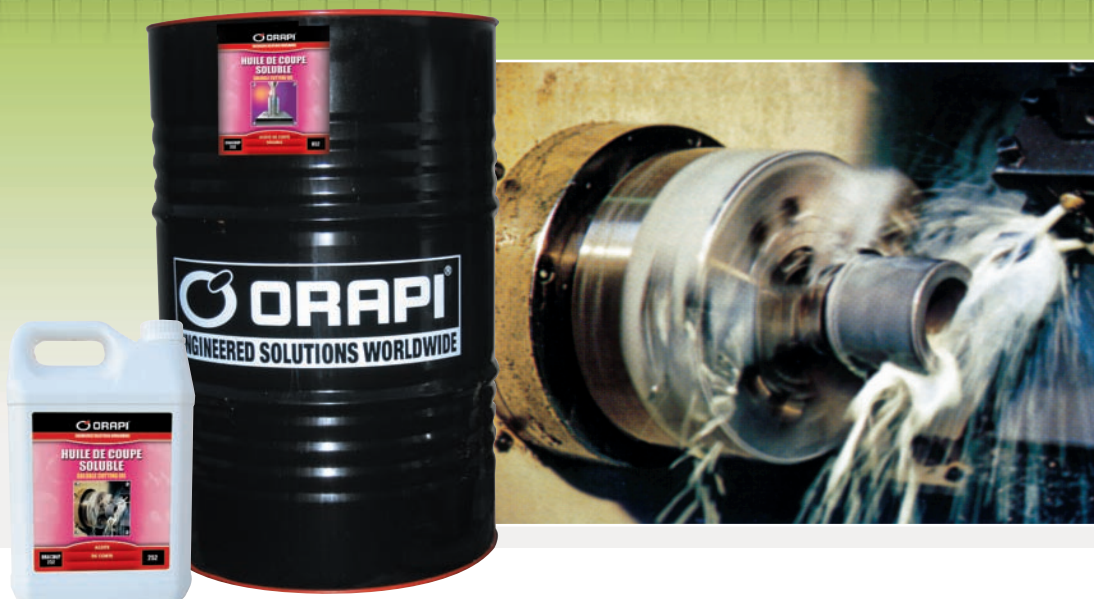
## DCP 1060 864

### stamping

Extreme pressure soluble fluid with chlorine and sulphur for very difficult stamping on all kind of steel. Appropriate for every forming constraint and especially for deep stamping. Greasy and unctuous product that sticks on metal, following the forming.

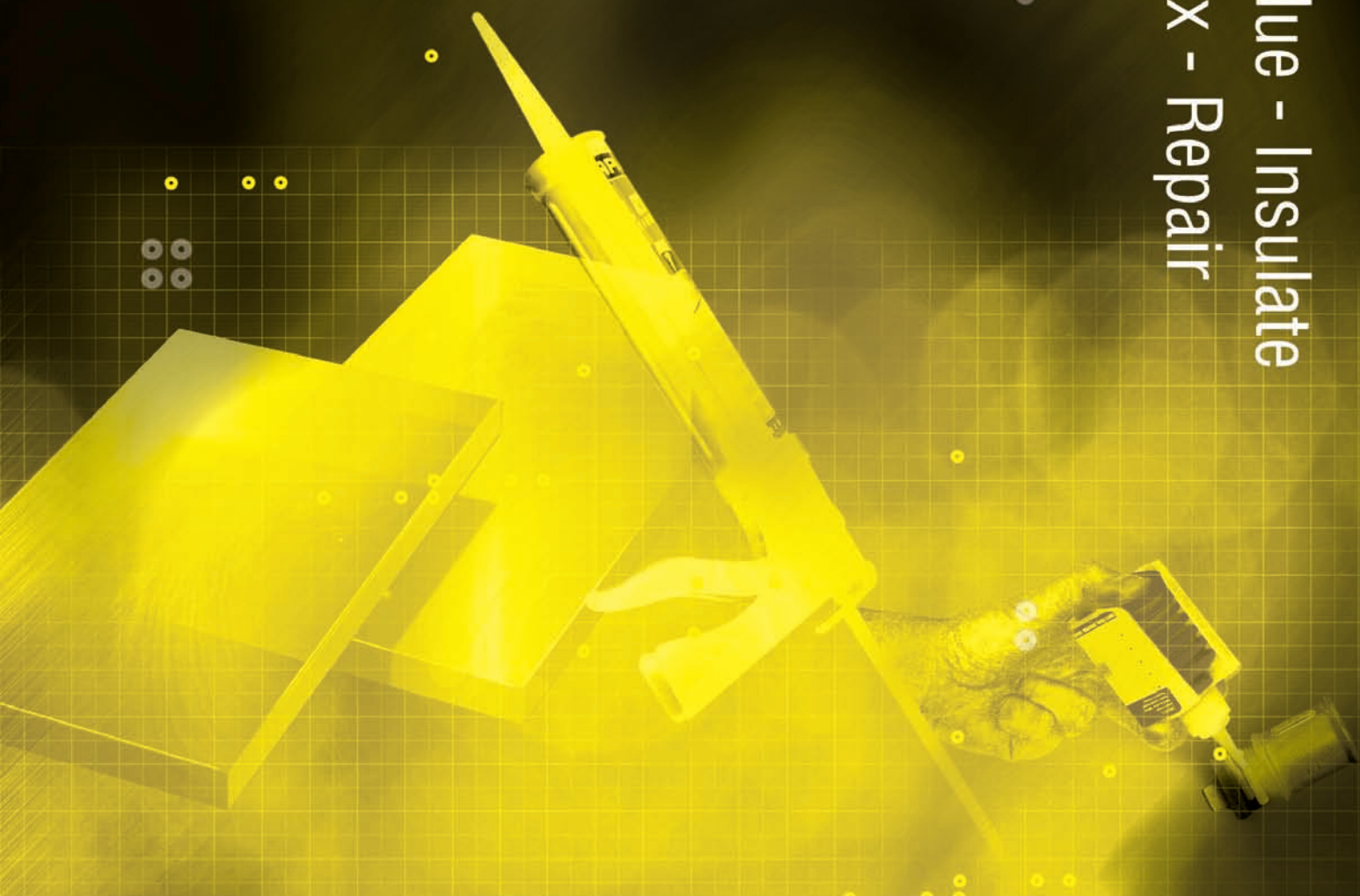
Colour: orange  
Mixing ratio: 10 to 50%

2864 i1	Bottle 500 ml	x 12
2864 O1	Drum 20 l	x 1
2864 O5	Drum 60 l	x 1





Glue - Insulate  
Fix - Repair



**MOUNT**



# SURFACE PREPARATION

## NETTOYANT 3141 016

### solvent before gluing

Dry degreaser, especially formulated for cleaning before gluing. Removes impurities and improves adhesion and setting speed. Quickly and totally removes all greasy particles stuck to material.

Aspect: liquid

Odour: strong and distinctive.

4016 A4 Aerosol 650 ml x 12

## ACTIVATEUR 3140 015

### especially for anaerobic resins

Speed up the polymerisation of anaerobic resins, reducing setting time. It is advised:

- on galvanised or painted surfaces as well as on stainless steel or aluminium,
- for high gaps
- when temperature is lower than 10°C

Aspect: liquid

Colour: copper red



1015 M1 Pump spray 100 ml x 12

1015 i2 Bottle 1 l x 12

PMUC 6015 M1 Pump spray 100 ml x 12

## ACTIVATEUR 6140 025

### especially for glues

Drastically reduces curing time of glues and allow to polymerise out of montage area.

Apply ACTIVATEUR 6140 on one of the surfaces and the glue on the other one, or apply directly on the glue to make it polymerise.

Aspect: liquid with quick evaporation

Colour: colourless

4025 A1 Aerosol 210 ml x 12

1025 i2 Bottle 1 l x 12

## PRIMAIRE 4004 020

### especially for putty adhesives

Improve montage adhesion and increase its reliability. Appropriate for putty adhesives on surfaces with low surface energy: concrete, steel, wood... Easy to use: apply the adhesive on dry primer.

Aspect: liquid

Colour: from colourless to pale yellow

1020 F2 Bottle 20 g x 6

1020 F6 Bottle 500 ml x 1

## PRIMAIRE 3440 022

### especially for glues - multipurpose

Improve the adhesion of glues on all difficult to tape materials, except silicone. Apply PRIMAIRE 3440 on both surface and leave it to evaporate (1 to 2 min) and then apply glue.

Aspect: liquid

Colour: colourless

1022 F2 Bottle 20 ml x 6

1022 i2 Bottle 1 l x 12

## PRIMAIRE 3450 021

### especially for glues on silicone

Improve adhesion on apolar surfaces, especially on rings with silicone. Apply PRIMAIRE 3450 on both surfaces to be stuck. Make it evaporate by rubbing both surfaces one against the other. Then apply glue C2040, it is taped instantaneously and with reliability.

Aspect: liquid

Colour: orange-yellow

1021 F2 Bottle 20 g x 6



# THREADLOCKERS

## FREINAGE ULTRA FAIBLE 299

### ultra low strength

For assemblies requiring to be dismantled very easily with standard tooling, in order to avoid material damage: bicycle wheel spokes, small fastenings for computers, watches, glasses...

Colour: yellow  
Aspect: very liquid  
Temperature range: -60 to +150°C  
Setting time on steel: 3 to 25 min  
Resistance torque on M10 steel bolts: < 5 N.m

1299 F3	Bottle 50 ml	x 6
1299 S1	Pail 5 kg	x 2

## FREINAGE FAIBLE 306

### low strength

For all threaded pieces which are to be easily dismantled with standard tooling. For all assemblies with limited stress or fragile. Avoids loosening due to small vibrations like electrical motor screws.

Aspect: viscous liquid  
Colour: purple  
Temperature range: -60 to +150°C (230°C)  
Setting time on steel: 10 to 25 min  
Complete polymerisation: 12 to 24 h  
Resistance torque on M10 steel bolts: 5 - 15 N.m

1306 F3	Bottle 50 ml	x 6
1306 F5	Bottle 250 ml	x 2

## FREINAGE FAIBLE 15 307

### low strength, low viscosity

For all threaded pieces which are to be easily dismantled with standard tooling and with small gap, on thin threads and small fastenings.

Temperature range: -60 to +150°C (230°C)  
Setting time on steel: 10 to 25 min  
Complete polymerisation: 24 h  
Resistance torque on M10 steel bolts: 5 - 15 N.m  
Aspect: liquid  
Colour: blue



1307 F3	Bottle 50 ml	x 6
1307 F5	Bottle 250 ml	x 2

PMUC 6307 F3	Bottle 50 ml	x 6
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## FREINAGE MOYEN 303

### medium strength

For all pieces which are to be dismantled when required with standard tooling. Excellent against vibrations.

Aspect: liquid  
Colour: blue  
Temperature range: -60 to +150°C (230°C)  
Setting time on steel: 10 to 25 min  
Complete polymerisation: 12 to 24 h  
Resistance torque on M10 steel bolts: 10 - 20 N.m

1303 F1	Bottle 5 ml	x 10
1303 F9	Bottle 24 ml	x 12
1303 F3	Bottle 50 ml	x 6
1303 F5	Bottle 250 ml	x 2
1303 i2	Bottle 1 l	x 1

## FREINAGE MOYEN 15 304

### medium strength, fluid thread locker

For all pieces, which are to be dismantled when, required with standard tooling. Fluidity perfect for thin threads and small fastenings.

Temperature range: -60 to +150°C (230°C)  
Setting time on steel: 10 to 25 min  
Complete polymerisation: 12 to 24 h  
Resistance torque on M10 steel bolts: 15 - 20 N.m  
Aspect: liquid  
Colour: red



1304 F3	Bottle 50 ml	x 6
1304 F5	Bottle 250 ml	x 2

PMUC 6304 F3	Bottle 50 ml	x 6
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## FREINAGE MOYEN VIOLET 305

### controlled polymerisation

For all pieces, which are to be dismantled when, required with standard tooling. Special formula medium strength with controlled setting time (between 2 and 4 hours). Perfect for assembling chains as it leaves time between application and definitive tightening.

Aspect: liquid  
Colour: purple  
Temperature range: -60 to +150°C (230°C)  
Setting time on steel: 2 to 4 h  
Complete polymerisation: 24 to 30 h  
Resistance torque on M10 steel bolts: 15 - 20 N.m

1305 F5	Bottle 250 ml	x 2
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## FREINAGE ALIMENTAIRE 298

### medium strength, food approved

For assemblies requiring dismantling with standard tooling in food industry: conveyor for fruits and vegetables, pumps for drinks, blood, milk...

Colour: colourless  
Aspect: viscous liquid  
Temperature range: -60 to +150°C  
Setting time on steel: 5 to 40 min  
Complete polymerisation: 12 to 24 h  
Resistance torque on M10 steel bolts: >20 N.m



1298 F3	Bottle 50 ml	x 6
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# THREADLOCKERS

## FREINAGE FORT 300

**high strength**

Thread locking for metallic threads when dismantling is not required for maintenance or that are never to be dismantled.  
Colour: green - Aspect: liquid  
Temperature range: -60 to +150°C (230°C)  
Setting time on steel: 10 to 25 min  
Complete polymerisation: 12 to 24 h  
Resistance torque on M10 steel bolts: >20 N.m



1300 F1	Bottle 5 ml	x 10
1300 F9	Bottle 24 ml	x 12
1300 F3	Bottle 50 ml	x 6
1300 F5	Bottle 250 ml	x 2
<b>PMUC</b> 6300 F3	Bottle 50 ml	x 6

## FREINAGE FORT 15 301

**high strength, low viscosity**

Permanent fixing of threads and dowels that are not to be dismantled. It's fluidity is ideal for small threads and small fastenings.

Colour: green  
Aspect: very liquid  
Temperature range: -60 to +150°C (230°C)  
Setting time on steel: 10 to 25 min  
Complete polymerisation: 12 to 24 h  
Resistance torque on M10 steel bolts: >20 N.m



1301 F3	Bottle 50 ml	x 6
1301 F5	Bottle 250 ml	x 2

## FREINAGE FORT HT 302

**high strength up to 200°C**

Thread locking for metallic threads when dismantling is not required and that are used with temperature up to 200°C. Permanent fixing, normally not to be dismantled.

Colour: green  
Aspect: liquid  
Temperature range: -60 to +230°C  
Setting time on steel: 10 to 25 min  
Complete polymerisation: 12 to 24 h  
Resistance torque on M10 steel bolts: >20 N.m

1302 F3	Bottle 50 ml	x 6
1302 F5	Bottle 250 ml	x 2

## FREINAGE FORT IMPROVED 297

**high strength, quick setting**

Thread locker with very quick setting. Usage: thread locking for metallic threads when dismantling is not required for maintenance. Permanent fixing of threads and dowels that are not to be dismantled.

Colour: red  
Aspect: viscous liquid  
Temperature range: -60 to +150°C  
Setting time on steel: 5 to 10 min  
Complete polymerisation: 12 to 24 h  
Resistance torque on M10 steel bolts: >20 N.m

1297 F5	Bottle 250 ml	x 2
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## PRE-APPLIQUÉ 458

**thread locking/sealing, former application**

Application on threads before mounting for thread locking and sealing. Threads are treated a few days before mounting. Dismantling with standard tooling.

Aspect: liquid  
Colour: blue  
Temperature range: -50 to +100°C  
Setting time: immediate  
Complete polymerisation: 10 to 24 h  
Break resistance on M10 steel bolts: < 8 / N.m

1458 B7	Tin 1 l	x 6
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# RINGS & BEARINGS LOCKERS

## FIXPRESS 310

**very strong and quick fixing**

Very high resistance for radial, axial and dynamic stress. Allows to increase machining tolerances, advised for gap from 0,15 mm to 0,25 mm. Can be used as a very high resistance thread locker with quick setting. Advised for assemblies that cannot be dismantled.

Colour: green

Manipulation time : 3 to 5 mn

Complete polymerisation time: 6 to 12 h

Shearing resistance: >25 N/mm<sup>2</sup>

Temperature range:

-60 to +150°C (+230°C)



1310 F3 Bottle 50 ml x 6

1310 F5 Bottle 250 ml x 2

## FIXMETAL 312

**repairing of damaged pieces**

Pasty product advised for repairing, without machining, used cylinder-shaped pieces with high and even irregular gap (0,25 to 0,5mm). Resists to impacts and vibrations. For bearings' housing gone oval, repairing of shafts with wear or scratches. To be used always with ACTIVATEUR 3140.

Colour: dark grey

Complete polymerisation time: 24 h

Shearing resistance: >20 N/mm<sup>2</sup>

Temperature range: -60 to +150°C (230°C)

1312 T2 Tube 50 g x 6



## BLOCK BAGUE 314

**strong locking - gap < 0.05mm**

Fluid resin advised for small gaps. Locking of rings, pulleys, bearings... with a strong resistance to shearing.

Colour: green

Setting time: 10 to 25 min on steel

Temperature range: -60 to 150°C



1314 F3 Bottle 50 ml x 6

1314 F5 Bottle 250 ml x 2

PMUC 6314 F3 Bottle 50 ml x 6

## BLOCK BAGUE 60 313

**strong locking - medium gap**

Strong resistance for radial, axial and dynamic stresses. Advised for gaps between 0.15 and 0.25 mm, on assemblies that are not to be dismantled: driving shaft, gearwheel, pulley...

Colour: green

Setting time: 10 to 25 min on steel

Complete polymerisation time: 12 to 24 h

Temperature range: -60 to +150°C (230°C)

Shearing resistance: > 20 N.mm<sup>2</sup>



1313 F3 Bottle 50 ml x 6

1313 F5 Bottle 250 ml x 2



## BLOCK OIL TOLERANT 316

**high resistance "oil tolerant"**

For application on pieces where degreasing cannot be perfect. Advised for gaps <0.15mm. Fixing of rings, inserts, pulleys, bearings, cylinder locks... with a strong resistance to shearing.

Colour: green

Setting time: 10 to 25 min on steel

Complete polymerisation time: 10 to 24 h

Temperature range: -60 to +150°C (+230°C)

Shearing resistance: >15 N/mm<sup>2</sup>



1316 F3 Bottle 50 ml x 6

1316 F5 Bottle 250 ml x 2

## BLOCK ROULEMENT 318

**medium resistance - gap < 0.05mm**

Fixing of pieces that can be dismantled with standard tooling in case of wear. Fittings reinforcement. Increase assemblies reliability.

Colour: red

Setting time: 10 to 25 mn on steel

Complete polymerisation time: 12 to 24 h

Temperature range: -60 to 150°C (230°C)

Shearing resistance: >15 N.mm<sup>2</sup> (24h)



1318 F3 Bottle 50 ml x 6

PMUC 6318 F3 Bottle 50 ml x 6

## BLOCK ROULEMENT 60 317

**medium resistance - medium gap**

Fixing of pieces that can be dismantled with standard tooling. Fitting reinforcement for gaps between 0.15 and 0.25mm. Increase assemblies reliability. Fixing of bearing on shafts or housed bearings, locks, inserts, rings, pulleys...

Colour: red

Setting time: 10 to 25 min on steel

Complete polymerisation time: 12 to 24 h

Temperature range: -60 to +150°C (230°C)

Shearing resistance: > 15 N.mm<sup>2</sup>

1317 F3 Bottle 50 ml x 6

1317 F5 Bottle 250 ml x 2



# THREADED SEALS

## TUBELOCK C 367

### connections and taps

Sealing of metallic pipes and threaded connections up to 3 inches for quick putting in service with medium dismantling resistance. Sealing within a few minutes at low pressure. Resists most chemicals. Quick setting on steel and brass, for stainless steel, use ACTIVEUR 3140.

Complete polymerisation time: 12 to 24 h  
Temperature range: -60 to +150°C (+230°C)  
Break resistance: 10 - 20 N.m

Colour:  
yellow-orange



1367 F7	Squeeze bottle 50 ml x 6
1367 T2	Tube 50 ml x 6
1367 T4	Tube 200 ml x 2

## TUBELOCK TEFLON® 334

### sealant with easy dismantling

Paste for pipes and connections up to 3 inches. It's Teflon® provides a lubricant effect that eases the assembly and the dismantling, including in places difficult to access.

Colour: blue

Handling time: 5 to 20 min on steel

Complete polymerisation time: 12 to 24 h

Temperature range: -60 to +150°C (+230°C)

Break resistance: 1 to 8 N.m



1334 F7	Squeeze bottle 50 ml x 6
1334 T2	Tube 50 ml x 6

## HYDRAULOCK 329

### hydraulic and pneumatic

Low resistant sealing gasket for pneumatic and hydraulic thread connections up to 3/4 inch. Resists shocks, vibrations, most gas and fluids, hot and cold water... Easy dismantling with standard tooling. Substitutes pastes and tapes for all pipes, connections,... In plumbing, for heating elements, mechanic...

Colour: brown

Handling time: 10 to 25 min on steel

Complete polymerisation time: 12 to 24 h

Temperature range: -60 to +150°C (+230°C)

Break resistance: 5 - 15 N.m

1329 F3	Bottle 50 ml	x 6
1329 F5	Bottle 250 ml	x 2

## HYDRAUBLOCK 326

### small diameter pipes

Sealing of metallic pipes and thread connections up to 3/4 inch, with medium resistance to dismantling. Resists shocks, vibrations, most gas and fluids, hot and cold water... Easy dismantling with standard tooling. Substitutes pastes and tapes for all pipes, connections, ... in plumbing, for heating elements, mechanic...

Colour: red

Handling time: 10 to 25 min

Complete polymerisation time: 12 to 24 h

Temperature range: -60 to +150°C (+230°C)

Break resistance: 10 - 20 N.m

1326 F3	Bottle 50 ml	x 6
1326 F5	Bottle 250 ml	x 2

## ETANCHELOCK 322

### sealing by penetration

Very fluid adhesive that will penetrate through capillarity in threads, between cylindrical parts and in metal porosity. Maximum gap: 0.1mm.

For thread locking, bearings and rings fixing, or post-mounting sealing when adhesive application is not possible before the assembly.

Colour: green

Handling time: 10 to 30 min

Complete polymerisation time: 12 to 24 h

Temperature range: -60 to +150°C (+230°C)

Break resistance: >20 N.m.

1322 F3	Bottle 50 ml	x 6
1322 F5	Bottle 250 ml	x 2



## TUBELOCK A 323

### big threads

Paste for the sealing of pipes and hydraulic connections with big diameter, with medium resistance. Possible dismantling with standard tooling without damaging threads. Substitutes pastes and tapes for all pipes, connections, ... in plumbing, for heating elements, mechanic...

Colour: red

Handling time: 3 to 15 min

Complete polymerisation time: 12 to 24 h

Temperature range: -60 to +150°C (+230°C)

Break resistance: 5 - 15 N.m

1323 F7	Squeeze bottle 50 ml x 6
1323 T4	Tube 200 ml x 2

## TUBELOCK AL 366

### food industry

Sealing of metallic pipes and threaded connections up to 3 inches for a quick putting in service with medium dismantling resistance. Quick setting on steel and brass. Substitutes pastes and tapes for all pipes, connections, ... in food industry.

Colour: yellow

Complete polymerisation time: 12 to 24 h

Temperature range: -60 to +150°C (+230°C)

Break resistance: 10 - 20 N.m



1366 F7	Squeeze bottle 50 ml x 6
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# THREADED SEALS

## JOINT LIQUIDE 331

### pipes, with Teflon®

PTFE seal for metallic connections, hydraulic pipes, pneumatic and heating up to 3 inches when a medium resistance to dismantling is required.

PTFE brings an excellent chemical stability. Eases mounting and dismantling.

Colour: white

Handling time: 20 to 40 min

Complete polymerisation time: 12 to 24 h

Temperature range: -60 to +180°C (+230°C)

Break resistance: 5 - 15 N.m



1331 T2	Tube 50 ml	x 6
1331 T4	Tube 200 ml	x 2

## SEALFLON LIQUIDE 341

### Teflon® tape in liquid form

Aqueous fluid containing PTFE. Threads and flanges sealing. Let it dry before mounting (can be stove). After drying, leaves a flexible film allowing an easy dismantling and to be mounted again later. Avoid over-thickness. Protect threads against seizing.

Colour: white

Temperature range: -50 to +250°C

Gap: 0.15 mm maximum

1341 B4	Tin/brush 250 ml	x 6
1341 S1	Pail 5 l	x 2

## SEALFLON PATEUX 340

### Teflon® tape in paste form

Aqueous paste sealing compound containing PTFE, that creates a flexible seal easy to dismantle. Resists vibrations and chemicals. For thread and flanges sealing. Avoids over thickness. Immediate sealing on PVC pipes. Let it dry before mounting.

Colour: white

Temperature range: -50 to +250°C

Gap: 0.3 mm maximum

1340 T3	Tube 100 g	x 12
1340 O2	Drum 20 kg	x 1

# FLANGES SEALS

## ORAJOINT 324

### flange sealant

Machined mating flanges sealing. Resist to vibrations, oils, gas and industrial fluids. Advised for all flanges with complex shape: pumps housing, motors, gearbox...

Handling time: 15 to 35 min

Complete polymerisation time: 12 to 24 h

Temperature range: -60 to +180°C (+230°C)

Shearing resistance: > 5 N/mm²

Colour: red



1324 T2	Tube 50 ml	x 6
1324 T4	Tube 200 ml	x 2

PMUC 6324 T2	Tube 50 ml	x 6
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## PORAJOINT 333

### semi flexible flange sealant

Sealing gel with high adhesive power for all flanges, including vertical flanges. Substitute conventional gaskets with complex shapes: pumps housing, motors, gear boxes...

Temperature range: -60 to +150°C (+230°C)

Shearing resistance: >15 N/mm²

Setting time at 20°C: 10 to 35 min

Colour: red



1333 C3	Cartridge 300 g	x 12
1333 E4	Syringe 25 ml	x 12
1333 T2	Tube 50 ml	x 6
1333 T4	Tube 200 g	x 2

PMUC 6333 T2	Tube 50 g	x 6
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## OIL SEAL B 345

### flexible sealing

Thread, cramps and flanges sealing. Can be used on cut gaskets. Easy to use, quick drying, makes a thin, adhering and resistant film. Very sticky on all materials. A short drying is advised before mounting. Resist oils, gas, water, steam...

Colour: green after drying

Temperature range: -50 to +150°C

1345 B3	Tin/brush 250 g	x 6
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# THREADED AND FLANGES SEALS

## JOINTPLAST 133

### sealing of plastic threads

Sealing for threaded connectors plastic-to-plastic or plastic to metal. Compatible with gas, cold and hot water. Immediate sealing at low pressure, resists 10 bars after 24h. Easy dismantling. Allows crankcase and casing filing up, electrical boxes... for insulation and compounds fixing.

Colour: red

Aspect: auto levelling viscous liquid

Working temperature: -50 to +250°C

Maximum gap: 0.4 mm

1133 T3 Tube 100 g x 12

## ORAPLAST'X 348

### flexible and elastic paste

Resist to high temperature. Not soluble in most liquids. Keeps its plasticity. Sealing and mounting of crankcases, flanges, valves, carburettors, rocker arm cover plate, clutch, plumbing, heating, pumps, compressors... Ideal for automotive industry, petrol stations, refineries, chemical and petrochemical industries.

Colour: red

1348 C3	Cartridge 300 g	x 12
1348 T4	Tube 200 g	x 2
1348 B7	Tin 1 kg	x 6



## OXYSEAL 051

### oxygen and extreme temperatures

Sealing of flanges, threads up to 200 bars and in contact with oxygen. Suitable to gas liquid oxygen. Dries slowly, easy dismantling with standard tooling.

Colour: pale grey

Working temperature: -250 up to +600°C

Curing time for pressure resistance: 24 h



1051 T3 Tube 100 ml x 12

## PORALOCK 328

### thread sealing strong resistance

Liquid sealant for metallic connections, hydraulic or pneumatic and threaded connections under high vibrations. Resistant to any hydraulic and synthetic fluids, to most gas and industrial fluids, hot water, cold water... Substitutes pastes, hemp, tapes.

Temperature range: -60 to +150°C (+230°C)

Shearing resistance: > 15 N.mm<sup>2</sup>

Dismantling on M10 steel: > 20 N.m

Setting time at 20°C: 10 to 25 min

Complete polymerisation time: 12 to 24 h

Colour: green

Aspect: viscous liquid



PMUC 6328 F3 Bottle 50 g x 6

## NUCSEAL N 346

### non-hardening sealant

For the sealing of threads and flanges submitted to very strong vibrations. Substitute paper gaskets or any pre-cut gasket or make them stick. Makes sealing of any shape, even complex. Immediate sealing at low pressure. Contains no chlorine, no sulphur and no fluorine.

Colour: blue

Aspect: viscous liquid

Temperature range: -50 to +300°C



PMUC 6346 T3 Tube 100 g x 12

## ORASEAL 342

### non hardening sealant

For threads and flanges sealing when submitted to very strong vibrations. Substitute paper gaskets or other pre-cut gaskets or make them stick. Makes sealing of any shape, even most complex. Immediate sealing at low pressure.

Colour: green

Aspect: viscous liquid

Temperature range: -50 to +300°C

1342 T3 Tube 100 g x 12

1342 B4 Tin+pinc 250 ml x 6

## ORASEAL + 343

### viscous, non-hardening

For vertical flanges sealing. Substitute paper gaskets or make them stick. Makes sealing of any shape. Immediate sealing at low pressure. Allows to use the seal again after dismantling. At room temperature, can be used as a thread locker, ideal for adjusting screws in mechanics or music instruments.

Colour: green

Temperature range: -50 to +300°C



1343 T3 Tube 100 g x 12

1343 C3 Cartridge 310 ml x 12



# FLEXIBLE SEALS - SILICONES

## LUBRISEAL RTV ACETIQUE 100

### transparent putty adhesive

Flexible adhesive and sealant.  
Metal parts, glass, ceramics, dilation seals, cables coating, soundproofing, insulation, mechanical works.

Colour: transparent  
Working temperature: -65 to +250°C  
Initial setting: 10 min  
Complete drying: 24 h  
A shore hardness: 25 to 33



	1100 C3	Cartridge 310 ml	x 12
	1100 T3	Tube 100 g	x 12

PMUC	6100 C3	Cartridge 310 ml	x 12
PMUC	6100 T3	Tube 100 g	x 12

## LUBRISEAL RTV ACETIQUE 101

### white putty adhesive

Flexible adhesive and sealant.  
Metal parts, glass, ceramics, dilation seals, cables coating, soundproofing, insulation, mechanical works.

Colour: white  
Working temperature: -65 to +250°C  
Initial setting: 10 min  
Complete drying: 24 h  
A shore hardness: 25 to 33

	1101 C3	Cartridge 310 ml	x 12
	1101 T3	Tube 100 g	x 12

## JOINT BLEU AUTO 102

### universal blue putty adhesive

Substitutes cut seals on crankcases, headers, doors, taps... even damaged.  
Adhesion on every material.  
Resistance to oils, gas, anti-freeze...  
Does not drip. Ideal product for car workshops and industrial maintenance departments.

Colour: blue  
Working temperature: -65 to +250°C  
Initial setting: 10 min  
Complete drying: 24 h in thin layers  
A shore hardness: 35 to 45

	1102 C3	Cartridge 310 ml	x 12
	1102 T3	Tube 100 g	x 12

## LUBRISEAL RTV ACETIQUE 103

### high temperature putty adhesive

Flexible adhesive and sealant for maintenance, stove fitting, glass (heating devices, domestic electrical appliances, industrial ovens).  
Stays flexible and stable up to 310°C.  
Does not drip.

Colour: red  
Working temperature: -65 up to +310°C  
Initial setting: 10 min  
Complete drying: 24 h in thin layers  
A shore hardness: 40 to 48

	1103 C3	Cartridge 310 ml	x 12
	1103 T3	Tube 100 g	x 12

## LUBRISEAL RTV ACETIQUE 104

### black multipurpose adhesive putty

To be used without gun.  
Black adhesive putty for all crankcases sealing, headers, doors, taps...  
Easy to use being a pressurised cartridge.  
A light pressure on the cannula leads to a regular output of sealant.

Colour: black  
Working temperature: -65 up to +250°C  
Initial setting: 10 min  
Complete drying: 24 h in thin layers  
A shore hardness: 25 to 33

	1104 A7	Aerosol 200 ml	x 12
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## JOINT METAL 145

### grey putty adhesive, special for oils

Flexible sealant resistant to oils. Substitutes pre-cut sealants on crankcases, headers, doors, taps... for water, oil or solvent sealing.  
High mechanical resistance to corrosive fluids. Does not run, can be used also on crankcases with planarity defects.

Colour: metal grey  
Working temperature: -65 to +250°C  
Initial setting: 10 min  
Complete drying: 24 h in thin layers  
Shore hardness: 30 to 40

	1145 C3	Cartridge 310 ml	x 12
	1145 T3	Tube 100 g	x 12

## LUBRISEAL RTV INODORE 111

### white adhesive and sealant

Flexible adhesive, with auto adhesion on all surfaces: wood, aluminium, glass...  
Does not corrode metallic surfaces.  
Excellent resistance to oils and humidity.  
Sealant for washrooms.

Colour: white  
Working temperature: -65 to 230°C  
Initial setting: 15 to 20 min  
Complete drying: 24 h  
A shore hardness: 15 to 25

	1111 C3	Cartridge 310 ml	x 12
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## LUBRISEAL RTV INODORE 112

### black adhesive and sealant

Flexible self adhesive putty for all materials: wood, aluminium, glass, concrete, PVC, ABS...  
Does not corrode metal.  
Excellent resistance to humidity and oils.  
Advised for automotive industry.  
Does not run.

Colour: black  
Working temperature: -65 to +250°C  
Initial setting: 15 to 20 min  
Complete drying: 24 h  
A shore hardness: 15 to 25

	1112 C3	Cartridge 310 ml	x 12
	1112 O2	Drum 25 kg	x 1

## LUBRISEAL RTV INODORE 110

### transparent adhesive and sealant

Adhesive and sealant for metal parts, glass, ceramics, dilation seals, cables coating, cables and electrical device insulation. Soundproofing, insulation.

Colour: transparent  
Working temperature: -65 to +250°C  
Initial setting: 15 to 20 min  
Complete drying: 24 h in thin layers  
A shore hardness: 15 to 25

	1110 C3	Cartridge 310 ml	x 12
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# FLEXIBLE GLUES & PUTTIES

## SEAL PU 120

### multi materials

Mono-compound polyurethane elastomer adhesive for general purpose. Polymerises at room temperature. Used for mounting (and sealing) of many different materials including wood, glass, plastic, concrete... Especially when a good seal flexibility is required. Can be painted. Odourless. Does not run.

Colour: grey  
Working temperature: -20 to +80°C

1120 C3 Cartridge 310 ml x 12

## ORABOND BLANC 125

### high efficiency

For every, mounting, assembling, sealing. New generation elastic putty adhesive. Excellent adherence on stainless steel, aluminium, wood, zinc, lacquer, stone, glass wool, chipboard... Can be applied on humid surfaces or under water. Can be painted. Odourless. Does not run. Ideal to substitute stainless steel welding with itself.

Colour: white  
Working temperature: -40 to +160°C



1125 C6 Cartridge 290 ml x 12

## ORABOND NOIR 126

### high efficiency

For every, mounting, assembling, sealing. New generation elastic putty adhesive. Excellent adherence on stainless steel, aluminium, wood, zinc, lacquer, stone, glass wool, chipboard... Can be applied on humid surfaces or under water. Can be painted. Odourless. Does not run. Ideal for sealing of plastic cases of industrial remote controls.

Colour: black  
Working temperature: -40 to +100°C

1126 C6 Cartridge 290 ml x 12

## ORABOND CRISTAL 128

### high efficiency

For every, mounting, assembling, sealing. New generation elastic putty adhesive. Excellent adherence on stainless steel, aluminium, wood, zinc, lacquer, stone, glass PMMA... Can be applied on humid surfaces or under water. Can be painted. Odourless. Does not run. Ideal for transparent glass and plastic mounting.

Colour: cristal (totally transparent)  
Working temperature: -40 to +100°C

1128 C6 Cartridge 290 ml x 12

## PISTOLET CARTOUCHE 700 002

### 290ml and cartridge - 310 ml gun

Solid and ergonomic gun for professionals. Its conception allows a uniform and easy extrusion, even for very compact putty adhesives like ORABOND 125.

700 002 Cartridge gun x 1



# VARIOUS SEALS

## COLLE PVC 415

### glue for PVC pipes and connections

Sealing for hot or cold water, waste water, industrial water... Excellent stability within the time. Welded PVC with itself very quickly. One bottle - 250 ml is enough for over 40 connections with diameter 32. Water drain pipe: rain, wash-rooms, industrial, waste water, hot or cold, under pressure... Gluing of cornice, gutter, drainpipe, waterproof cable trays, casing...

Aspect: thick fluid  
Temperature range: +80°C maximum  
Pressure resistance: maximum 30 bars  
Shearing resistance: >10 kg/cm²

1415 B3 Tin/brush 250 ml x 6

## MOUSSE PU 474

### insulating fire resistant foam

Self-expandable foam with 80% of closed cells for heat and acoustic insulation as well as for draught proofing. Sealing for gas, smokes, flames and water. Doors mounting, windows and other articles designed to slow down fire propagation, including in high schools, local authorities and hospitals.

Aspect: very sticky foam  
Colour: grey  
Fire resistance: 120 min  
Output: 42 litres per aerosol (60 mm x 30 mm x 20m)

4474 A6 Aerosol 1000 ml x 12



# GLUES

## C 3000 373

### multi purpose

Very quick setting adhesive thanks to a special and unique catalyst, for all materials. Strong resistance on wood, plastic, leather, PVC, ceramic, metals. Ideal for all surfaces that are hard to glue.

Colour: colourless  
Viscosity: 100 cP  
Temperature range: -60 to +100°C  
Setting time: 5 to 40 s depending on material  
Shearing resistance: 27.5 MPa

1373 F1	Bottle 5 g	x 12
1373 F2	Bottle 20 g	x 6
1373 F3	Bottle 50 g	x 6
1373 F6	Bottle 500 g	x 1

## C 2040 355

### elastomers

Quick adhesive for gluing rubber gaskets, plastics, glass and toric gasket.

Colour: colourless  
Viscosity: 40 cP  
Temperature range: -60 to +100°C  
Setting time: 5 to 60 s depending on material  
Shearing resistance: 27.5 MPa



1355 F1	Bottle 5 g	x 12
1355 F2	Bottle 20 g	x 6
1355 F3	Bottle 50 g	x 6
1355 F6	Bottle 500 g	x 1

## SUPER GEL 352

### very thick gel

Glue as a very thick gel for all usage requiring a viscous products. For vertical or down under sticking or with porous materials. For all materials, does not run.

Colour: colourless  
Viscosity: gel  
Setting time: 5 to 60 s depending on material  
Shearing resistance: 27.5 MPa

1352 C3	Cartridge 300 g	x 12
1352 T7	Tube 20 g	x 12

## C 2000/5 359

### very fluid and ultra quick

Quickest glue for all materials. Very liquid adhesive for gluing by infiltration and capillarity on very smooth surfaces and small gaps. Ideal for automatic gluing systems with repeating application and high work pace.

Colour: colourless  
Temperature range: -60 to +100°C  
Setting time: very quick  
Shearing resistance: 27.5 MPa



1359 F1	Bottle 5 g	x 24
1359 F2	Bottle 20 g	x 6
1359 F6	Bottle 500 g	x 1

## C 3610 361

### flexible and universal

Adhesive for universal gluing. Flexible glue. Ideal for construction.

Colour: colourless  
Viscosity: 80-120 cP  
Temperature range: -50 to 80°C  
Setting time: 10 to 60 s depending on material  
Shearing resistance: 10 to 15 MPa

1361 F2	Bottle 20 g	x 6
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## GEL CYANO 351

### thixotropic gel

Glue with quick setting for vertical or down under sticking or with porous material like wood. Sticks on most materials: aluminium, ABS, PVC, metals, wood...

Colour: colourless  
Viscosity: fluid gel  
Temperature range: -60 to +100°C  
Setting time: 0 to 60 s depending on material  
Shearing resistance: 10 to 30 MPa

1351 F2	Bottle 20 g	x 6
1351 F3	Bottle 50 g	x 6
1351 F6	Bottle 500 g	x 1

## BLANCHE S 377

### white, universal

White and universal adhesive with quick setting and strong mechanical resistance. Flexible gluing when exposed to shocks and vibrations. Ideal for mounting and repairing of white materials and to localise glued pieces thanks to the colour. Used in cosmetic and in ski industry.

Colour: white  
Viscosity: 800-1500 cP  
Temperature range: -60 to +100°C  
Setting time: 0 to 60 s depending on material  
Shearing resistance: 15 to 30 MPa

1377 F2	Bottle 20 g	x 6
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## C 3000 DF 378

### black, universal

Black and universal adhesive with quick setting and strong mechanical resistance. Flexible gluing when exposed to shocks and vibrations. Ideal for mounting and repairing of black materials and to localise glued pieces thanks to the colour.

Colour: black  
Viscosity: 200-250 cP  
Temperature range: -60 to +100°C  
Setting time: 0 to 140 s depending on material  
Shearing resistance: 15 to 30 MPa

1378 F2	Bottle 20 g	x 6
1378 F6	Bottle 500 g	x 1

## C 2000 MF 380

### no marks, no odour

Quick gluing on all materials when perfect aesthetic is required. Pleasant to use, odourless and does not leave any mark. Ideal for cosmetic, jewelry, glasses, decoration, watch industry...

Colour: colourless  
Viscosity: 90-120 cP  
Temperature range: -55 to +90°C  
Setting time: 10 to 120 s depending on material  
Shearing resistance: 15 to 30 MPa

1380 F2	Bottle 20 g	x 6
1380 F6	Bottle 500 g	x 1



# GLUES

## C 2000 CMM 353

### gel for metals

Sticking of porous metals or for vertical or down under mounting. Sticks on most metals or material hard to stick with a conventional gel.

Colour: colourless  
Viscosity: gel  
Temperature range: -60 to +100°C  
Setting time: 10 to 60 s depending on material  
Shearing resistance: 10 to 30 MPa

1353 F2	Bottle 20 g	x 6
1353 F6	Bottle 500 g	x 1

## C 3600 356

### difficult rubbers

Ultra quick adhesive for gluing of rubber gaskets, PVC...  
Gluing of polyolefines after surface preparation with 022 elastomers.

Colour: colourless  
Viscosity: 20-40 cP  
Temperature range: -60 to 100°C  
Setting time: 2 to 30 s depending on materials  
Shearing resistance: 26.3 MPa

1356 F2	Bottle 20 g	x 6
1356 F6	Bottle 500 g	x 1

## C 3400 357

### high temperatures

Quick adhesive for gluing rubber gaskets, PVC, glass, metals when the glued pieces will be used in an environment with temperature around +120°C.

Colour: colourless  
Viscosity: 20-40 cP  
Temperature range: -60 to 120°C  
Setting time: 2 to 30 s depending on material  
Shearing resistance: 26.3 MPa

1357 F6	Bottle 500 g	x 1
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## C 3000 HU 363

### fluid, black and flexible

Universal adhesive with quick setting. Mounting exposed to shocks and vibrations. Designed for the gluing and repairing of black materials. High resistance gluing, ideal for automotive industry for gaskets, hoses...

Colour: black  
Viscosity: 20-40 cP  
Temperature range: -60 to +100°C  
Setting time: 5 to 30 s depending on material  
Shearing resistance: 15 to 30 MPa

1363 F2	Bottle 20 g	x 6
1363 F6	Bottle 500 g	x 1

## C 3680 368

### medical and paramedical

Special glue with quick setting for gluing or medical appliances. Conform to medical usages, even in human surgery. Gluing of human or animal tissue, hernia or cut repairing.

Colour: colourless  
Viscosity: 3cP  
Temperature range: -30 to 70°C  
Setting time: 5 to 40 s depending on material  
Shearing resistance: 27,5MPa

1368 F6	Bottle 500 g	x 1
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# GLUES

## C 3700 370

### high temperature gel

Adhesive for vertical sticking or porous materials exposed to working temperature at which conventional glues are not efficient. Electronic, mechanic, car compounds, electrical motors...

Colour: pale yellow  
Viscosity: gel  
Temperature range: -60 to +150°C  
Setting time: 20 to 90 s depending on material  
Shearing resistance: 22.5 MPa



1370 F2	Bottle 20 g	x 6
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## C 3000 AF 371

### black gel, resists to shocks

Quick setting adhesive for vertical or down under gluing, porous materials, when assembly is exposed to shocks, flexible mounting. It's black colour makes it easy to see.

Colour: black  
Viscosity: non running gel  
Temperature range: -60 to +100°C  
Setting time: 20 to 60 s depending on material  
Shearing resistance: 15 to 30 MPa

1371 F2	Bottle 20 g	x 6
1371 F6	Bottle 500 g	x 1



## C 5000 / 14 385

### multipurpose

Fluid glue with ultra rapid setting thanks to a special catalyst.  
Multipurpose: glass, plastic, metals, wood... Contains no chlorine, no sulphur, no fluorine.

Colour: colourless  
Viscosity: 100 cP  
Temperature range: -60 to +100°C  
Setting time: 5 to 40 s depending on material  
Shearing resistance: 27.5 MPa



PMUC	6385 F1	Bottle 5 g	x 24
PMUC	6385 F2	Bottle 20 g	x 6

## C 5040 386

### elastomers and plastics

Quick adhesive without chlorine, sulphur or fluorine, for gluing of rubber gaskets, plastics, glass and toric gaskets. Good resistance to humidity. Sticking of silicone rubbers after surface preparation with 021.

Colour: colourless  
Viscosity: 40 cP  
Temperature range: -60 to +100°C  
Setting time: 5 to 40 s depending on material  
Shearing resistance: >25 MPa



PMUC	6386 F1	Bottle 5 g	x 24
PMUC	6386 F2	Bottle 20 g	x 6

## C 5000 CM 384

### multipurpose gel

Gel without chlorine, sulphur or fluorine, with quick setting for vertical or down under gluing, for porous materials like wood. Sticks on most materials: aluminium, ABS, PVC, metals, wood...

Colour: colourless  
Viscosity: gel  
Temperature range: -60 to +100°C  
Setting time: 20 to 90 s depending on material  
Shearing resistance: 10 to 30 MPa



PMUC	6384 F1	Bottle 5 g	x 24
PMUC	6384 F2	Bottle 20 g	x 6

## DECOLLEUR 3720 408

### cleaning and glue removing

Cleaning solvent for gluing devices and working tables soiled with glues. Dismantling of glued assemblies. To be used in bath. Liquid to be used in a well ventilated area.

Colour: colourless



1408 F2	Bottle 20 g	x 6
1408 i2	Bottle 1 l	x 12
1408 J1	Can 5 l	x 4

PMUC	6408 F2	Bottle 20 g	x 6
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# STRUCTURAL GLUES

## COLLE PU 123

### PU adhesive with quick setting

Ideal for the assembling of plastics, polyesters with each other or on metallic surfaces. Glue composites, aluminium, honeycombs, bumpers, metallic and plastic structures...

Colour: dark grey  
Working temperature: -40 to 100°C

1123 E3	Syringe 50 ml	x 6
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## OREPOX 30 201

### 30mn setting epoxy

Repair and rigid sticking of most materials: ceramics, wood, cement, metal...  
Sticking of pieces with poor calibration with important or variable gap. Setting time allows user to set up the pieces.

Colour: clear yellow  
Mixing proportions: 1/1  
Working temperature: -40 to +120°C  
Lifetime once mixed: 30 to 45 min  
Shearing resistance: 15 Mpa  
Final resistance: after 24 h



1201 E3	Syringe 50 ml	x 6
1201 K7	Kit 1 kg	x 1



## PISTOLET 700 000

### gun for syringe - 50 ml

#### 700 000

Gun especially adapted for our range of bi-component adhesives packed in 50 ml syringe. Easy to use, makes precise and systematic applications.

#### 700 001

Mixing cannula adaptable on 50 ml syringes, ideal for an homogeneous mix of our adhesives.

700 000	Gun for syringe	x 1
700 001	Cannula	x 1

## OREPOX 5 202

### 5mn quick setting epoxy

Epoxy resin with quick setting.  
Repair and rigid sticking of most materials: ceramics, wood, cement, metal...  
Quick sticking of pieces with poor calibration with important or variable gap.

Colour: clear yellow  
Mixing proportions: 1/1  
Working temperature: -40 to +120°C  
Lifetime once mixed: 3 to 5 min  
Shearing resistance: 15 Mpa  
Final resistance: 6 to 12 h

1202 E1	Syringe 28 g	x 12
1202 E3	Syringe 50 ml	x 6
1202 K7	Kit 1 kg	x 1



## ADHERLOCK 73 390

### reactive contact glue

Acrylic based two compounds adhesive, no mixing. Sticks all materials with impressive efficiency. Sticks also wood, glass, ceramics, plastics...

Colour: pale  
Setting time: 5 min  
Temperature range: -60 to +180°C



1390 K1	Kit 80 g (70+10)	x 12
1390 K4	Kit 1,1 kg (1+0,1)	x 1
1390 K5	Kit 5,25 l (5+0,25)	x 1

## ACTIVATEUR A 395

### activator for glue 390

This product is originally delivered together with the glue in kit 390. It is available alone for users that would have used too much activator, for instance on porous surfaces.

1395 F5	Bottle 250 ml	x 1
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## ORALOC HDI 391

### contact adhesive, high efficiency

Acrylic bi-component with quick setting. The most versatile adhesive in the range: wood, metals, ceramics, plastics... Very good resistance to shocks and vibrations. Also sticks very damaged pieces. Excellent stability in time.

Temperature range: -40 to +170°C

1391 E3	Syringe 50 ml	x 6
1391 K3	Kit 600 ml (2*300)	x 6
1391 KB	Kit 10 kg (2*5)	x 1



# SPECIAL GLUES

## THERMIQUE 418

### adhesive putty high temperature

Adhesive putty without silicone. Sealing, gluing and jointure, especially formulated for very high temperature (1500°C without deformation). Does not contain asbestos. Hardens totally. Do not use in contact with water.  
For cracks or holes filling-in, over metal, stones or concrete... For ovens, stoves, boilers, open filters, or car exhaust pipe.

Aspect: thick paste  
Colour: charcoal grey  
Temperature range: -40 to +1500°C  
Thickness: 5 to 15 mm

1418 C3 Cartridge 310 ml x 12

## COLLE REPOSITIONNABLE 477

### glue in spray

Post-it type glue in aerosol. Immediate adhesion. Posters or labels can be slightly moved anytime during many weeks. Light materials gluing: photos, films, cork, light carton, decoration... An aerosol covers 7 m².

4777 A4 Aerosol 650 ml x 12



## CERAMIQUE 70 070

### high temperature adhesive

Sticking of probes, insulation of heaters cables, adhesion of refractories, concrete, glass, metal.  
Mix powder and liquid in order to obtain the required unction.  
No chlorine, no sulphur, no fluorine.

Colour: white  
Polimerisation time: 24 h  
Temperature resistance: up to +1550°C in peaks



PMUC 6070 K8 Kit 180 g x 1

## NEOPRENE 400

### multipurpose contact adhesive

Immediate setting on rubber, leather, fabric, cork, laminated. Flexible, high efficiency. Very high resistance to wrenching, excellent resistance to humidity. Usage by applying adhesive on both surfaces (150ml/mm² and per surface).

Colour: beige  
Application time: 5 to 15 min  
Temperature range: -30 to +130°C  
Peeling resistance: 15 kg/cm²

4400 A3	Aerosol 520 ml	x 12
1400 T3	Tube 100 ml	x 12
1400 B7	Tin 1 l	x 6
1400 S1	Pail 5 l	x 2





# REPAIRING

## ORAMETAL A 210

### thick epoxy charged with steel

Epoxy resin for sticking, repair or filling-in. Plumbing repairing, crankcases, metal sheets, motors... After polymerisation, ORAMETAL A can be filed, pierced, tapped and painted. Does not rust.

Colour: black  
Proportion: 1/1 (syringe) or 10/1 kit  
Temperature resistance: -35 up to +120°C  
Mixture lifetime: 60 min (500 g), 5 min (28 g)  
Final resistance: 16 to 24 h

1210 E1	Syringe 28 g	x 12
1210 K2	Kit 500 g	x 1

## ORAMETAL B 211

### liquid epoxy charged with steel

Liquid epoxy used for mould and template construction, micro-porosities filling-up, general repairs and especially crack repairs.

Colour: dark grey  
Proportion: 100/1  
Temperature resistance: -35 up to +120°C  
Mixture lifetime: 1 h  
Can be machined after 16 h

1211 K2	Kit 500 g	x 1
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## ORAMETAL F 212

### thick epoxy charged with aluminium

To be applied like putty for defects and cracks reparation on moulded or machined alloy pieces. Aluminium charge is light and corrosion resistant. After polishing, the surface has a shade very similar to aluminium colour.

Colour: aluminium grey  
Proportion: 1/1 (syringe) or 5/1 (kit)  
Temperature resistance: -35 up to +120°C  
Mixture lifetime: 60 min (500 g), 5 min (28 g)  
Final resistance: 16 to 24 h

1212 E1	Syringe 28 g	x 12
1212 K2	Kit 540 g	x 1

## ORAMETAL POCKET 221

### pre dosed putty with steel particles

Repair of all supports (wood and metal). Pre-dosed, it is very easy to use and it avoids any wasting. Mould, plumbing, broken tools... repairing. Does not rust and can be used under water. After polymerisation, can be filed, pierced, tapped and painted.

Colour: dark grey after mixing  
Mixture lifetime: around 10 min  
Temperature resistance: -40 up to +150°C  
Machinable: after 30 min to 1 h  
Final resistance: 24 h

1221 D3	Roll 57 g	x 24
1221 D1	Roll 125 g	x 12

## CERAMIQUE LIQUIDE 251

### anti abrasion epoxy varnish

Creates a very hard and smooth surface based on ceramic, with a very low friction coefficient. Very resistant to abrasion, to choc and to chemicals. Ways, pumps, spirals, conveyors or valves coating. Mould repair and protection. To be applied with a brush.

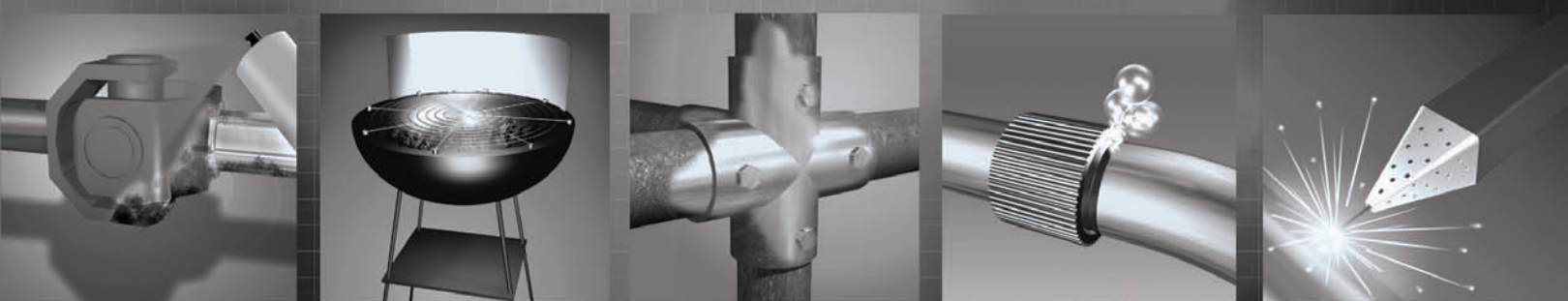
Colour: blue  
Lifetime: 20 min  
Working temperature: -35 up to +180°C  
Final resistance: 12 to 24 h  
Coverage: 2m² / kit

1251 K2	Kit 500 g	x 1
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# Storage - Welding Security



# PROTECT



# ANTI RUST PAINTS

## NZA B 706

### shiny galvanisation

Durable treatment and exceptional long term anti-corrosion protection (up to 3 years) for all metallic parts. Coating with shiny aspect, rich in zinc. Can be used as a finish under-layer. Efficient, even in corrosive and marine conditions.

Colour: shiny grey  
T°: -50°C to +200°C in peak  
Resistance to saline fog: >400h

4706 A4	Aerosol 650 ml	x 12
2706 B7	Tin 1 kg	x 6
2706 S1	Pail 5 kg	x 2
2706 U2	Drum 200 kg	x 1

## NZA MAT 650

### mat galvanisation

Durable treatment and exceptional long term anti-corrosion protection (up to 5 years) for all metallic parts. Retouching of galvanised parts, even in extreme weather conditions. Can be used as a finish under-layer. Very efficient, even in corrosive and marine conditions.

Colour: mat grey  
T°: -50 to +200°C in peak  
Resistance to saline fog: >500 h

4650 A4	Aerosol 650 ml	x 12
2650 B7	Tin 1 kg	x 6
2650 S1	Pail 5 l	x 2

## GALVA EXPRESS 699

### special retouching

Durable treatment and long term anti-corrosion protection (up to 3 years) for all metallic parts: slides, gates, welding, tubes, boilerworks, wire netting, tanks. Retouching of galvanised parts. Retouching of parts after hot galvanising. Can be used as a finish under-layer.

Colour: grey  
T°: -50 to +200°C in peak  
Resistance to saline fog: >250 h

4699 A4	Aerosol 650 ml	x 12
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## NZA MARINE 653

### long term protection

Durable treatment and exceptional long term anti-corrosion protection (up to 10 years) for all metallic parts. Retouching of galvanised parts, even in extreme weather conditions. Protects against chemical attacks and mechanical wear. Can be used as a finish under-layer and offers a maximum cathodic protection. Very efficient, even in corrosive and marine conditions.

Colour: grey  
T°: -50 to +200°C in peak  
Resistance to saline fog: >800 h



4653 A4	Aerosol 650 ml	x 12
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## DILUANT PEINTURE 846

### cleaning and dilution

Solvent for the cleaning of hoses and equipment due to the deposit of paints. To be mixed with our paints (if required) with ration 10 to 20% in order to dilute before automatic spraying gun application. Also to recover and make a paint smooth when the tin is old or has been let open too long.

Colour: colourless liquid

2846 J1	Bottle 5 l	x 4
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# ANTI RUST PAINTS

## CODEROUIL Gamme 300 000

### anti-rust paint

Shiny anti-rust paint with ultra quick drying. High resistance outdoor and excellent grip on many surfaces. High covering power and excellent shine. Corrosion inhibitor. Very easy application, does not require under coat and preparation. Films remain flexible in order to support contractions. CODEROUIL can be painted directly on rusty metal. However, application on clear surface is advised in order to get a perfect finish. To be used on any surface submitted to oxidation: metallic framework, tanks, tubes, mobile vehicles, machines, doors and gates... CODEROUIL is also advised to protect and decorate any kind of surface like wood, carton, stones, ceramics and many plastics. Ideal for industry, DIY, cars, plumbing...

#### Aerosol:

Dry (no dust stick): 5 mn  
Complete dry: 15 mn

#### Bulk:

Dry (no dust stick): 1 hour minimum  
Complete dry: 8 hours minimum

Temperature resistance:  
100°C maximum



Couleur	RAL	Aerosol 520 ml x6	Tin 1 kg x6
	9010	300001	300002
	3020	300004	300005
	1023	300007	300008
	5017	-	300017
	2009	-	300020
	7042	300022	300023
	9017	300025	300026
	5012	300073	300029
	6005	300010	300076
	7035	-	300087



## NOIR PAINT 710

### high temperature

Matt black paint for retouching and protection of any metallic part submitted to high temperature. Protects from corrosion. Ironworks, exhaust pipes, chimney, barbecue.

Colour: black matt  
Working temperature: -30 to + 600°C

4710 A4 Aerosol 650 ml x 12

## ORALU 712

### high temperature

Shiny aluminium paint for retouching and protection of all metallic parts submitted to high temperatures. Protects from corrosion. Ironworks, exhaust pipes, chimney, barbecue.

Colour: grey  
Working temperature: -30 to + 600°C

4712 A4 Aerosol 650 ml x 12

## BLOC'ROUILLE 954

### stops rust

Strong rust passivator. Combines with rust in order to create a protection: a black, strong and metal adhering compound. Avoids rust coming back for many years, in such a way that treated parts can be exposed to bad weather. Can be painted without former cleaning. Acknowledge by car producers.

Colour: white - black after drying and complexion

2954 R3	Bottle 500 ml	x 12
2954 J1	Can 5 kg	x 4
2954 U2	Drum 200 kg	x 1



# STORAGE

## PROTOR 842 842

### protection between machining operations

Fluid oily product for anti corrosion protection of stored materials, injection moulds... De-watering effect. Leaves a very thin protection film compatible with most further operations (machining, lubrication) without cleaning.

Saline fog resistance: >70h  
Colour: yellow

Conforms to norm ISO/L6743/8  
Cat : RA



4842 A4	Aerosol 650 ml	x 12
2842 O1	Drum 20 l	x 1

## PROTOR SG 100 804

### medium term protection

Anti corrosion product for protection between machining operations leaving a resistant semi-greasy film. Treated parts can be handled, the film would re-form itself if scratched. To be sprayed, applied with brush or by soaking.

Colour: red  
Saline fog resistance: >100 h

4804 A4	Aerosol 650 ml	x 12
2804 i1	Bottle 500 ml	x 12
2804 J1	Can 5 l	x 4
2804 U2	Drum 200 l	x 1

## PROTOR SG 100 INCOLORE 791

### medium term protection

Anti corrosion product leaving a semi-greasy film. Colourless version so that metals would keep their original aspect. Treated parts can be handled, the film would re-form itself if scratched. To be sprayed, applied with brush or by soaking.

Colour: colourless  
Saline fog resistance: >100 h

2791 J1	Can 5 l	x 4
2791 U2	Drum 200 l	x 1

## PROTOR MARINE 727

### very long term protection

Very long term protection, severe conditions of climate and humidity. Fluid that leaves a waxy thick film after drying. Indoor or outdoor protection in corrosive and marine atmosphere. Sea transport, machines in storage, metallic bar storage. To be applied by soaking or with brush.

Colour: brown  
Saline fog resistance: >150 h

2727 J1	Can 5 l	x 4
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## PROTOR PL ROUGE 967

### peelable protection

Colorfull peelable protection varnish. Its colour makes it easy to control treated areas. Dries quickly. To be easily taken away as a skin in a single piece. Protects against scratches and corrosion: metal sheets, polished parts, rolling mill cylinders... Protection of painting booths and floors against various contaminations.

Colour: red

2967 i2	Bottle 1 kg	x 12
2967 J1	Can 5 kg	x 4
2967 O1	Drum 20 kg	x 1

## PROTOR PL INCOLORE 968

### peelable protection

Colourless peelable protection varnish. Dries quickly. To be easily taken away as a skin in a single piece. Protects against scratches and corrosion: metal sheets, polished parts, rolling mill cylinders... while keeping a perfect vision of pieces. Protection of painting booths and floors against various contaminations.

Colour: colourless

2968 i2	Bottle 1 kg	x 12
2968 J1	Can 5 kg	x 4

## PROTOR AQUA 969

### aqueous peelable protection

Protection varnish formulated with water basis, not flammable, without VOC. Easy control of treated areas thanks to white colour. Creates a thick film that can be easily removed as a skin, in a single piece. Protects parts against scratches and corrosion, painting booth, floors against various contaminations. Protection of cutting tools.

Colour: white

2969 i2	Bottle 1 kg	x 12
2969 S1	Pail 5 kg	x 4
2969 O2	Drum 27 kg	x 1

## SR 05 714

### colourful protection varnish

Very long term indoor and outdoor protection varnish. Quickly dries creating a dry and resistant film. Does not retain dust. To be applied on clean metallic or plastic parts. Protects against corrosion and scratches. To be removed easily with ORAPI 507 - NDI.

Colour: red  
Saline fog resistance: >250 h

4714 A4	Aerosol 650 ml	x 12
2714 J1	Can 5 l	x 4

## VERTRO 715

### tropicalisation varnish

Colourless very long term protection varnish, indoor/outdoor, hygrometric insulation resistant to aggressive atmospheres, hydrocarbons, humidity, saline fog, scratches... Protection of metallic parts, wood, plastics, documents, printed circuits... Di-electrical constant 100kV. Dries quickly creating a dry and resistant film. Does not retain dust.

Colour: colourless  
Working temperature: -40 to 140°C

4715 A4	Aerosol 650 ml	x 12
2715 J1	Can 5 l	x 4

# WELDING

## ANTIPERL ECO 808

### anti spatter, water based

Anti adherent for welding spatter without silicone and without solvent. Not harmful, without VOC and not flammable. Emulsion in water of anti adherent agents to be used for mounting and tools protection during welding operations. To be rinsed with water.

Colour: off white

4808 A4	Aerosol 650 ml	x 12
3808 J1	Can 5 l	x 4
3808 O1	Drum 20 l	x 1
3808 O5	Drum 60 l	x 1
3808 U2	Drum 200 l	x 1

## ANTIPERL ECO PMUC 808

### anti spatter, water based

Anti adherent for welding spatter without silicone and without solvent. Not harmful, without VOC and not flammable. Emulsion in water of anti adherent agents to be used for mounting and tools protection during welding operations. To be rinsed with water.

Colour: off white



PMUC	6808 A4	Aerosol 650 ml	x 12
PMUC	6808 J1	Can 5 l	x 4

## ANTIPERL SOUDURE 807

### anti spatter, solvent based

Anti adherent for welding spatter without silicone. Anti adherent agents, dispersed in a solvent, to be used for mounting and tools protection during welding operations.

Colour: pale yellow  
Working temperature: -30 to 280°C

4807 A4	Aerosol 650 ml	x 12
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## ANTIPERL WB 914

### water based anti adherent for welding spots

Anti adherent product for welding spots without silicone and without solvents. Not harmful, without VOC and not flammable. Combination of anti adherents, diluted in water, to be used to avoid spots and welding projections on big surfaces (machine bodies, ship construction) To be removed with water.

Colour: colourless to clear yellow

2914 J1	Can 5 l	x 4
2914 O1	Drum 20 l	x 1
2914 U2	Drum 200 l	x 1

## CERASPRAY 708

### nozzles and tubes protection

Technical product based on ceramic for nozzle, torch and tube treatment in MIG MAG welding. Treated nozzles last 5 to 10 times longer because gas and wire pass more easily. Creates a film that avoids warming up and bursting of nozzles. Excellent mould releaser for high temperature mould release.

Colour: white dry film  
Working temperature: 1600°C

4708 A4	Aerosol 650 ml	x 12
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# SECURITY AND MARKING

## FAST LINE 901 / 909

### lines marking

High resistance to abrasion, even with frequent and aggressive traffic like forklifts. Contains no lead and no chlorine. High covering power for traffic and security line marking out, up to 90 m and 5cm wide per aerosol. Compatible with any support: tarmac, asphalt, cement, paint, wood, grass... Industries, local authorities, technical departments for city administration or sport centres, schools...

Colour: 901 - yellow (RAL 1023)  
909 - white (RAL 9010)

8901 A4	Aerosol 650 ml	x 12
8909 A4	Aerosol 650 ml	x 12

## CHARIOT DE TRAÇAGE 915

### line marking

To easily and quickly mark straight lines. Very handy. Very easy system and quick assembling, good marking visibility. Sports ground, parking, races marking, hiking, storage areas in warehouses...

8915 V1	2 casters trolley	x 1
8915 V3	4 casters trolley	x 1





# SECURITY AND MARKING

## FILL CRACK 904

### holes filling

Semi synthetic compound for potholes filling up on asphalt or tar. Long term repairing. To be used under any weather conditions. Keeps it flexibility and resiliency. To be applied in thin layers (4cm maximum)

Colour: black

8904 O2 Drum 25 kg x 1

## ICE MELT 907

### ice and snow melting

10 times more efficient than traditional salt as it creates heat when combined with water. No effect on concrete, metallic or painted floors.

Not aggressive on animals legs. Avoid slipping everywhere you would find ice, snow: pedestrian crossing, paths, ski resorts, shops entrance, refrigerated storage, local authorities, companies security department... Easy to use thanks to it's bucket packaging.

8907 S2 Pail 14 l x 4



## FLOOR PATCH 903

### holes and cracks repairing

Synthetic compound for the filling of holes, cracks on cement, concrete and asphalt. Chemical sealing of threaded rods, poles, machine foot, peepholes... Fluid auto levelling product, with low drying appropriate for difficult and horizontal works. Long term repairing. Can be used in any weather condition.

Colour: black

8903K5 Pail 10 kg\* x 1  
\*(with hardener)

## SOLSEC 916

### anti pollution absorbant

Multipurpose absorbant of vegetable origin, having a very high absorption power., 350% of its own weight and 48% of its volume. Very good anti slip. Not abrasive and chemically neutral. Fireproof (M1 classification) +600°C. Does not create mud, nore dust. Absorbs all liquides on floors: soiled water, petrol, blood, diesel ... Required for all industries, firemen, local authorities. Pollution treatment on public areas as well as within companies.

5916 H3 Bag 70 l x 1



## ADHERENT COURROIES 953

### belt grip

Belt grip improvement by 3. For leather, plastic and composite belt. It avoids belts' hardening and power losses. This allows better power transmission. You will find easier to place pre-cut joints on carter. Can be used on treadmill.

4953 A4 Aerosol 650 ml x 12

## TUE FRELONS 591

### powerful insecticide

Formulated with powerful active compounds, immediate devastating action. To be used only outside, for wasp and hornet nests and all human threatening species. No unpleasant smell. Treatment has to be done with protection against insect attack. For firemen, technical departments, sport clubs, camping, leisure centres, farmers, nurserymen...

4591 A6 Aerosol 1000 ml x 12



# MARKING

## GAMME SPECTRA COLOR

970 / 971 / 972 / 973 / 974 / 976

metal marking and laying out of metals

Laying out, marking and coding liquid per colour.  
Marking and spotting of various materials within a workshop through a complete colour range.

Ideal for stock compatibility and quality spotting.  
Marking of tapping or cutting dimension without damaging metal in marking negative with a marking tip on a SPECTRA COLOUR painted surface.

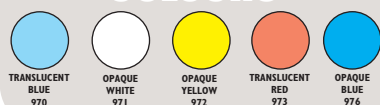
Available in translucent or mat colour to match different kind of metal (or plastic). Dries immediately creating a thin layer of uniform colour. Resists mineral oils, water, and various solvents. Approved by many car producers. Colour layer holds forever, but can be removed by SPECTRA REMOVER 974.

CLEANER REMOVER 974



2974 i2	Bottle 1 l	x 12
2974 J1	Can 5 l	x 4

### COLOURS



Colour	N°	Bottle 1 l x12	Can 5 l x4
	970	2970 i2	-
	971	2971 i2	2971 J1
	972	2972 i2	2972 J1
	973	2973 i2	2973 J1
	976	2976 i2	-

## GAMME MV

010 / 011 / 012 / 013

marking, coding, spotting

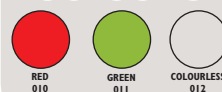
Varnish for marking, spotting and locking of mobile or still compounds in order to guarantee warranty. This varnish secures mounting and setting up. It makes it possible to visually quickly establish if a device has been dismantled thanks to film breaking up. Fastenings, staples, fixing and various compounds, in order to control and check that nothing has been touched or dismantled without former agreement. Guarantee inviolability of screws, bolts, rivets.

Further guarantee: colourless version 012 can only be seen under special light.  
Drying 1 mn - except blue which is a slow drying version.

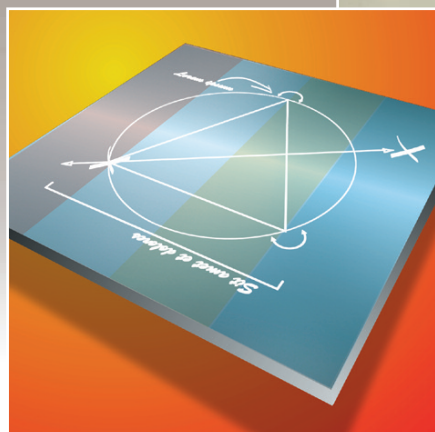
Colour: various  
Working temperature: -40 tot +200°C.



### COLOURS



Colour	N°	Tin 1 l x6	Bottle 90 ml x6
	010	1010 B7	1010 FB
	011	-	1011 FB
	012	-	1012 FB





# DEFAULTS DETECTION

## LEAK DETECTOR 952

### gas detection

Appropriate for detection of gas leakage on compressed air, oxygen, butane propane, CO<sub>2</sub>... on connections and valves. Instantly detects leaks by foaming. Aerosol is multi-position. Contains a corrosion inhibitor which avoids metal oxidation.



4952 A4	Aerosol 650 ml	x 12
2952 J1	Can 5 kg	x 4
2952 O5	Drum 60 kg	x 1

## LEAK DETECTOR PMUC 958

### gas leak

Leak detector without chlorine, sulphur, or fluorine. Appropriate for leaks detection on gas, compressed air, oxygen, butane, propane, CO<sub>2</sub>... on connections or valves. Detects leaks instantly by foaming. Aerosol is multi-position. Contains a corrosion inhibitor that avoids further metal oxidation.



PMUC 6958 A4	Aerosol 650 ml	x 12
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## LEAK DETECTOR BT 745

### special for low temperature

Gas leak detection in very cold areas: oil platform, industries located in areas where temperature is between 0°C and -30°C, cold-rooms in food industry... Appropriate for detection of leak of gas, compressed air, oxygen, butane, propane, CO<sub>2</sub>... on connections or valves. Detects leaks instantaneously by foaming. Contains a corrosion inhibitor that avoids further metal oxidation.

2745 J1	Can 5 l	x 4
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## CRACK DETECTOR 957

### cracks - red penetrating

Red product, fluid, very penetrating that infiltrate in cracks, metal porosity, would it be a blind hole or not. Welding control on construction as well as ageing control after many year of usage on tanks, poles (ski resorts, ski lifts) machines body, cars... Clean with 503, apply 957, let it penetrate, sweep away, apply 956. Defects will appear in red when white developer 956 is applied. Conform to ASME V.

Colour: red

4957 A4	Aerosol 650 ml	x 12
2957 J1	Can 5 l	x 4

## CRACK DETECTOR 956

### cracks - white developer

White product, which applied after 957 on cracks, metal porosity, would it be blind holes or not, makes 957 appear, when it would have infiltrated and consequently showing defects. Welding control on construction as well as ageing control after many year of usage on tanks, poles (ski resorts, ski lifts) machines body, cars... Clean with 503, apply 957, let it penetrate, sweep away, apply 956. Defects will appear in red when white developer 956 is applied. Conform to ASME V.

Colour: white

4956 A4	Aerosol 650 ml	x 12
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## KLEANER 503

### cracks and seams - dry solvent

To perfectly prepare surfaces before crack and seam detection with both products of CRACK DETECTOR range. Degreasing solvent with ultra quick evaporation that removes efficiently dust and greasy marks that could interfere with the action of detection products. Does not damage plastics, rubbers or polymers... Pleasant apple fragrance.

4503 A4	Aerosol 650 ml	x 12
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## BLEU DE PRUSSE 975

### planarity defect

Marking blue for checking of connections and fittings of plane surfaces. Shows contact points for mating surfaces and allow further machining to get perfect fit. Not flammable. To be cleaned with ORASOLV B30 - 564.

Colour: blue  
VOC: 0%



1975 T3	Tube 100 ml	x 12
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## ROUGE DE CHINE 977

### planarity defect

Marking blue for checking of connections and fittings of plane surfaces. Shows contact points for mating surfaces and allow further machining to get perfect fit. Not flammable. To be cleaned with ORASOLV B30 - 564.

Colour: red  
VOC: 0%



1977 T3	Tube 100 ml	x 12
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**BIO**

*Acknowledging security, hygiene and environment requirements, Orapi has developed a biodegradable range. Dismantle, clean and grease with Biorapi®.*





## DISMANTLE

**817** DEGRYP'BIO - *Dismantle without VOC*

See p.7

## CLEAN

**582** NATUR'SOLV - *Vegetable solvent*

See p.10

**543** ORASOLV S1 - *Solvent*

See p.11

**576** ORASOLV R2 - *Solvent without VOC*

See p.11

**532** ORANET M - *Metallic parts detergent*

See p.14

**959** VSS - *Hands cleaner - powder*

See p.17

## PROTECT

**808** ANTIPERL ECO - *Anti spatter, water based*

See p.62

# RAPI® Range



## LUBRICATE

**687** CT BIO - *Multi-purpose grease*

See p.28

**837** MOLIQ - *MoS<sub>2</sub> lubricant*

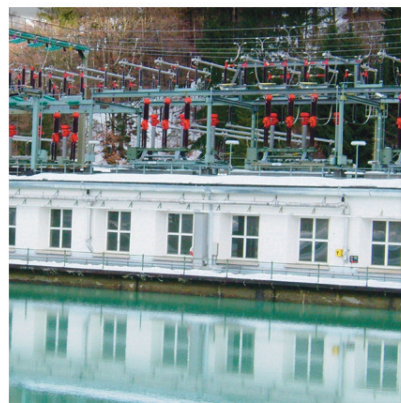
See p.37

**912** FILDUC BIO - *Tapping, drilling, sawing*

See p.39







# PMUC



Produits et Matériaux Utilisables en Centrales

## Range

*Construction, cleaning and maintenance of nuclear, thermal and hydraulic plants thanks to PMUC approved products, without chlorine, sulphur and fluorine.*





## DISMANTLE

**815 REDUCE 2N** - *Dismantle and lubricate* See p.7

## CLEAN

**517 A 62 NU** - *Decontaminating solvent* See p.12

## LUBRICATE

**702 GRAPHENE** - *Graphite based dry lubricant* See p.21

**717 A 20 N** - *Varnish - micronised graphite* See p.22

**613 GRN** - *Graphite mounting paste* See p.24

**642 N70** - *Mounting paste* See p.24

**643 NB** - *White mounting paste* See p.26

**629 CT 51** - *Multi-purpose grease* See p.28

**648 SI 450** - *Gaskets greasing* See p.29

**658 VASCO 15** - *Delicate greasing* See p.29

**810 FINE 121** - *Light oil* See p.33

**803 SILICONE SPRAY** - *Lubricant and mould releaser* See p.35

**840 G 840** - *Glycerine oil* See p.37

**858 2000 NUCL** - *Extreme pressure cutting oil* See p.40

**865 FTS 10 NU** - *Cutting oil* See p.40

**892 ORACOU 892** - *Soluble cutting oil* See p.41

## MOUNT

**015 ACTIVATEUR 3140** - *For anaerobic resins* See p.43

**304 FREINAGE MOYEN 15** - *Medium thread lock* See p.44

**307 FREINAGE FAIBLE 15** - *Low thread lock* See p.44

**300 FREINAGE FORT** - *High thread lock* See p.45

**314 BLOCK BAGUE** - *Rings lockers* See p.46

**318 BLOCK ROULEMENT** - *Bearings lockers* See p.46

**324 ORAJOINT** - *Flange sealant* See p.48

**333 PORAJOINT** - *Semi flexible flange sealant* See p.48

**328 PORALOCK** - *Thread sealing strong resistance* See p.49

**346 NUCSEAL** - *Non-hardening sealant* See p.49

**100 LUBRISEAL TRANSPARENT** - *Flexible seals* See p.50

**384 C 5000 CM** - *Multipurpose glue (gel)* See p.54

**385 C 5000/14** - *Multipurpose glue* See p.54

**386 C 5040** - *Rubber glue* See p.54

**408 DECOLLEUR 3720** - *Glue removing* See p.54

**070 CERAMIQUE 70** - *High temperature glue* See p.56

## PROTECT

**810 FINE 121** - *Light oil* See p.33

**808 ANTIPERL ECO** - *Anti spatter* See p.62

**958 LEAK DETECTOR** - *Gas leak* See p.65







# Food a



*Dismantle, clean, mount  
and lubricate in food industry  
and restaurants.*





## CLEAN

<b>582</b> NATUR'SOLV - Vegetal solvent	See p.10
<b>544</b> ORASOLV T - Multipurpose solvent	See p.11
<b>568</b> ORASOLV A - Quick dry solvent	See p.11
<b>513</b> ORASOLV N - Multipurpose solvent	See p.11
<b>543</b> ORASOLV S1 - Biodegradable	See p.11
<b>576</b> ORASOLV R2 - Without VOC	See p.11
<b>530</b> ORANET A - Detergent	See p.14
<b>535</b> ORARENOV - Renovating stripper	See p.15
<b>586</b> BRILLINOX - Polish for stainless steel	See p.15
<b>682</b> RENOV'CUIVRE - Copper renovator	See p.15
<b>589</b> ACTI SEPTYL - Decontaminating cleaner	See p.16
<b>579</b> CODE 79 - Drain cleaner	See p.16

# pproved Products

## DISMANTLE

<b>799</b> REDUCE AL - Dismantle and lubricate	See p.7
<b>817</b> DEGRYP'BIO - Dismantle without VOC	See p.7

## MOUNT

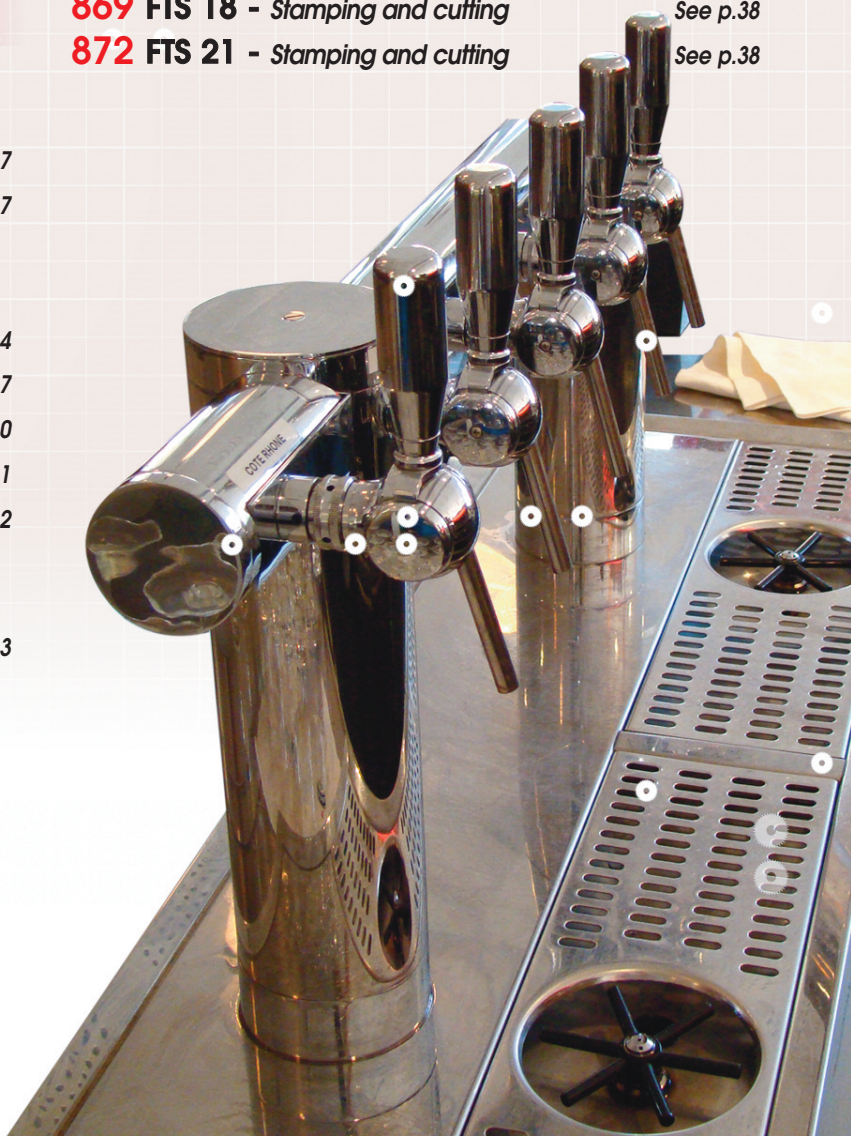
<b>298</b> FREINAGE ALIMENTAIRE - Thread lock	See p.44
<b>366</b> TUBELOCK AL - Sealing of metallic pipes	See p.47
<b>100</b> LUBRISEAL RTV - Transparent putty adhesive	See p.50
<b>125</b> ORABOND BLANC - Flexible glues	See p.51
<b>355</b> C 2040 - Glue	See p.52

## PROTECT

<b>810</b> FINE 121 - Light oil	See p.33
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## LUBRICATE

<b>645</b> PTFE - Teflon® Powder	See p.21
<b>640</b> BA - White anti-seize paste	See p.26
<b>635</b> GRAISSE UNIVERSELLE - Clean grease	See p.27
<b>629</b> CT 51 - Multipurpose grease	See p.28
<b>651</b> SI ROBINET - Sanitary floodgates and taps	See p.29
<b>657</b> VASCO - Vaseline codex grease	See p.29
<b>616</b> CT 830 - High performance grease	See p.30
<b>620</b> SITEF 2 - Teflon® silicone grease	See p.31
<b>626</b> SITEF 1 - Soft Teflon® silicone grease	See p.31
<b>609</b> CT 609 - Translucent grease	See p.32
<b>615</b> CT 615 - White grease	See p.32
<b>618</b> CT FLON AL - Teflon® grease	See p.32
<b>654</b> SITEF 3 - Silicone Teflon® grease	See p.32
<b>812</b> SILAL - Silicone lubricant	See p.33
<b>707</b> ORAFLOX AL - Teflon® lubricant	See p.33
<b>810</b> FINE 121 - Light oil	See p.33
<b>565</b> HUILE L 305 - Multipurpose oil	See p.34
<b>825</b> SILICONE V 300 - Silicone oil	See p.34
<b>809</b> CTSI - Silicone oil	See p.35
<b>830</b> FLUIDE 830 - Synthetic lubricant	See p.37
<b>856</b> FTS 230 - Stamping and cutting, thick metal sheets	See p.38
<b>856C</b> FTS 230 C - Stamping and cutting	See p.38
<b>869</b> FTS 18 - Stamping and cutting	See p.38
<b>872</b> FTS 21 - Stamping and cutting	See p.38





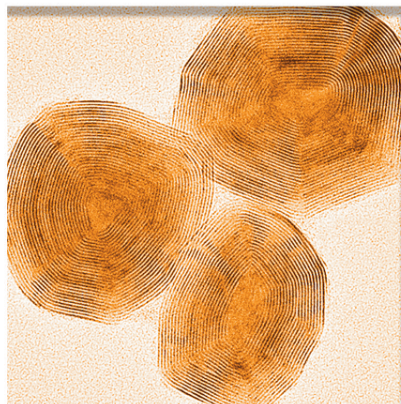


# NANO

## Range

*A revolution in lubrication technology*

*ORAPI GROUP is the first to engineer, manufacture and market a range of special lubricant, characterised by a very innovating formulation, offering excellent performances.*





## **DISMANTLE**

### **2025 SUPER DÉGRIPPANT**

*Anti-seizing, lubricating, penetrating product. See p.7*

# **O LUBRICANT®**

## **LUBRICATE**

### **2015 PÂTE ANTI GRIPPANTE**

*Mount and assembling*

*See p.26*

### **2010 GRAISSE EP**

*Semi-synthetic grease*

*See p.30*

### **2020 HUILE POLYVALENTE**

*Very sticky water repellent fluid*

*See p.37*







# Army Range

*A complete range of  
maintenance products  
approved by French army  
or Nato.*





## MOUNT

300 FREINAGE FORT - Thread lock	See p.45
310 FIXPRESS - Thread lock	See p.46
313 BLOCK BAGUE 60 - Thread lock	See p.46
314 BLOCK BAGUE - Thread lock	See p.46
367 TUBELOCK C - Sealing of metallic pipes	See p.47
324 ORAJOINT - Flange sealant	See p.48
331 JOINT LIQUIDE - Sealing with Teflon®	See p.48
343 ORASEAL + - Flexible sealing	See p.49
355 C 2040 - Glue	See p.52
357 C 2000/5 - Fluid glue	See p.52
390 ADHERLOCK 73 - Contact glue	See p.55

## CLEAN

571 ORASOLV B60 - Security solvent	See p.9
511 ORASOLV M1 - Multipurpose solvent	See p.10
540 ORASOLV P - Very high dissolving solvent	See p.10
550 ORANGE SOLVENT - Degreaser tar remover	See p.12
813 AV 33 - Weapon cleaner	See p.12
515 ORANET B1 - Concentrated detergent	See p.14
532 ORANET M - Metallic parts detergent	See p.14

## DISMANTLE

800 REDUCE 4 - Powerfull anti-seizing	See p.7
805 WR+ - 5 fonctions, over 1000 uses	See p.7

## LUBRICATE

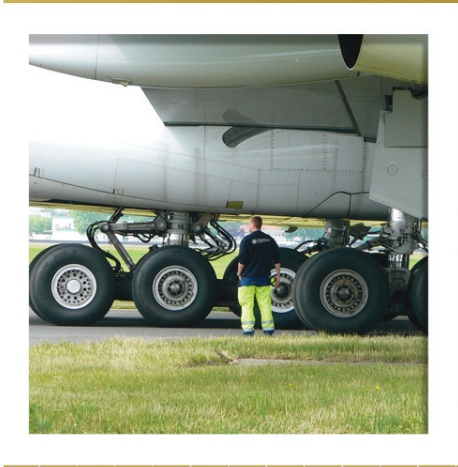
700 MOLYSPRAY - MoS <sub>2</sub> dry lubricant	See p.21
724 OR 05 - MoS <sub>2</sub> (powder)	See p.21
718 DILUANT EMOS 60 - Thinner for varnish	See p.23
719 DILUANT VIMOS 70 - Thinner for varnish	See p.23
720 EMOS 60 - High performance MoS <sub>2</sub> varnish	See p.23
726 VIMOS 70 - Dry MoS <sub>2</sub> varnish	See p.23
600 TM 900S - Anti-seize paste (copper)	See p.25
603 PATE SPRAY - MoS <sub>2</sub> mounting paste	See p.25
610 MOB 30 - MoS <sub>2</sub> mounting paste	See p.25
611 MOB 60 - MoS <sub>2</sub> mounting paste	See p.25
637 HT 900 - Anti-seize paste (copper)	See p.25
601 HT 600 - Anti-seize paste (aluminium)	See p.26
607 CT FLON - Teflon® grease	See p.27
608 CT 4 - MoS <sub>2</sub> grease	See p.27
657 VASCO - Vaseline codex grease	See p.29
605 WSA - Marine grease	See p.30
619 CT 1240 - High performance grease	See p.30
639 MIRB LUBRIMOLY M2 - Long term grease	See p.31
652 SI 33 - Silicone grease	See p.31
659 WSA PB - Gearing grease	See p.31
837 MOLIQ - Self cleaning lubricant	See p.37
859 FILDUC 1879 - Cutting oil	See p.39
851 ORACOU 311 - Soluble cutting oil	See p.41

## PROTECT

842 PROTOR 842 - Protection between machining operations	See p.61
973 SPECTRA COLOR - Metal marking	See p.64
952 LEAK DETECTOR - Gas leak	See p.65
975 BLEU DE PRUSSE - Planarity defect	See p.65







# Transpo Range



*A dedicated range  
for special maintenance  
requirements in naval,  
aeronautical, rail  
and road transport industry.*





## LUBRICATE

701 TEFLISS 2 - Teflon® Lubricant	See p.21
647 HTC U - Copper paste for railways	See p.25
641 PC 195 - Thermally conductive	See p.26
602 CT 14 - Lithium multipurpose grease	See p.27
608 CT 4 - MoS <sub>2</sub> grease	See p.27
683 CT 683 - Silicone free grease	See p.29
605 WSA - Marine grease	See p.30
665 CT 665 - Grease for hard conditions	See p.31
660 M4 - High temperature grease	See p.31
675 M6 - High speed grease	See p.31
639 M1RB LUBRIMOLY M2 - Long term grease	See p.31
823 SIL 50/50 - Surface treatment	See p.32
705 ORAFLOX - Teflon® Lubricant	See p.37
837 MOLIQ - MoS <sub>2</sub> self cleaning lubricant	See p.37
911 FILDUC A011 - Cutting oil	See p.39

## CLEAN

508 A 90 H - Cleaner for electronics	See p.9
540 ORASOLV P - Powerfull solvent	See p.10
516 NET FREINS - Brakes cleaner	See p.12
550 ORANGE SOLVENT - Degreaser, tar remover	See p.12
558 JET XTRA - Plane cleaner	See p.16

## MOUNT

015 ACTIVATEUR 3140 - Anaerobic resins	See p.43
304 FREINAGE MOYEN 15 - Medium thread lock	See p.44
307 FREINAGE FAIBLE 15 - Low thread lock	See p.44
300 FREINAGE FORT - High thread lock	See p.45
301 FREINAGE FORT 15 - High thread lock	See p.45
310 FIXPRESS - Strong locking	See p.46
316 BLOCK OIL TOLERANT - Strong locking	See p.46
313 BLOCK BAGUE 60 - Rings locker	See p.46
334 TUBELOCK TEFLON® - Metallic sealing	See p.47
355 C 2040 - Glue	See p.52
201 OREPOX 30 - Epoxy glue	See p.55
400 NEOPRENE - Neoprene glue	See p.56

## DISMANTLE

800 REDUCE 4 - Powerfull anti-seizing	See p.7
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## PROTECT

653 NZA MARINE - Long term protection	See p.59
975 BLEU DE PRUSSE - Planarity defect	See p.65
653 ROUGE DE CHINE - Planarity defect	See p.65



## DISMANTLE

801	DEGRILUB	7
817	DEGRYPBIO	7
2025	NANOLUBRICANT	7
815	REDUCE 2N	7
800	REDUCE 4	7
814	REDUCE 7	7
799	REDUCE AL	7
805	WR+	7

## CLEAN

517	A 62 NU	12
508	A 90 H	9/18
589	ACTI SEPTYL	16
1140	ALCAPOUDRE	19
524	ANTISTATIQUE	18
585	ANTI GRAFFITIS	19
813	AV 33	12
586	BRILLINOX	15
579	CODE 79	16
505	DECAPAINT	19
664	DECAPANT	19
1144	DECAPSOC EPX GEL	19
510	DEO CHERRY	16
500	DILDR	18
700024	DOSEUR 523	17
700009	DOSEUR 959	17
700061	FONTAINE DEGRAISSAGE ELECTRIQUE 45 L	13
700050	FONTAINE ELECTRIQUE SOLVANTS	13
700052	FONTAINE NUE	13/14
700058	FONTAINE PNEUMATIQUE DETERGENTS	14
700051	FONTAINE PNEUMATIQUE SOLVANTS	13
951	GIVREUR	18
558	JET XTRA	16
503	KLEANER	12
507	NDI	12
582	NATUR'SOLV	10
501	NET'DEX	18
502	NET'ECRAN	18
516	NET FREINS	12
547	NETTOYANT CARROSSERIE	16
529	NETTOYANT JANTES	16
1130	ORAFINISH	19
530	ORANET A	14
515	ORANET B1	14
531	ORANET C	14
532	ORANET M	14
537	ORANET N	14
533	ORANET S	14
580	ORANGE CREME	17
550	ORANGE SOLVENT	12
963	ORAPHOS 50	15
964	ORAPHOS 60	15
535	ORARENOV	15
568	ORASOLV A	11
518	ORASOLV A05	9
564	ORASOLV B30	9
567	ORASOLV B40	9
571	ORASOLV B60	9
539	ORASOLV E	12
536	ORASOLV K1	10
512	ORASOLV L	10
511	ORASOLV M1	10
513	ORASOLV N	11
514	ORASOLV O	12
540	ORASOLV P	10
541	ORASOLV P2	10
576	ORASOLV R2	11
543	ORASOLV S1	11
544	ORASOLV T	11
962	ORATARTRE	15
700053	POMPE FONTAINE ELECTRIQUE SOLVANTS	13
700064	POMPE FONTAINE PNEUMATIQUE DETERGENT	14
700055	POMPE FONTAINE PNEUMATIQUE SOLVANTS	13

682	RENOV'CUIVRE	15
525	RENOV' PLASTIQUE	18
744	RUST AND CONCRETE REMOVER	15
504	SDI NEW	9
1155	SOCOFLUID K	19
950	SOUFFLEUR	18
523	SUPER NETTOYANT MAINS	17
575	ULTRA CLEAN	17
959	VSS	17

## LUBRICATE

858	2000 NUCL	40
721	2115	21
716	A 20	22
717	A 20 N	22
700022	AGRAFE A TIRER POMPE GRAISSE	32
587	ANTIMOUSS	40
640	BA	26
802	CB5	33
806	CB6	33
831	CB 831	34
758	CBL 275	34
821	CBL 539	33
679	COPA 1100	25
608	CT 4	27
617	CT 8 EP	30
677	CT 10	27
625	CT 12 G	27
602	CT 14	27
629	CT 51	28
680	CT 140	27
743	CT 143	27
628	CT 300	28
632	CT 520 MA	28
609	CT 609	32
615	CT 615	32
672	CT 630	30
662	CT 662	32
665	CT 665	31
683	CT 683	29
698	CT 698	28
616	CT 830	30
619	CT 1240	30
606	CTDMEP 2	30
687	CT BIO	28
607	CT FLON	27
618	CT FLON AL	32
668	CT RAD	32
809	CTSI	35
864	DCP 1060	41
860	DOPE SBW	36
718	DILUANT EMOS 60	23
729	DILUANT S104	22
719	DILUANT VIMOS 70	23
720	EMOS 60	23
612	ENG CB 612	28
822	ESIL 10/10	36
859	FILDUC 1879	39
888	FILDUC 2000	39
889	FILDUC 2030	39
890	FILDUC 4038	39
912	FILDUC BIO	39
810	FINE 121	33
830	FLUIDE 830	37
832	FLUIDE HM	36
685	FLUORE 6	37
669	FLUORE 60	37
688	FORAGE 50	29
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104	.....LUBRISEAL RTV ACETIQUE NOIR.....	50
103	.....LUBRISEAL RTV ACETIQUE ROUGE.....	50
100	.....LUBRISEAL RTV ACETIQUE TRANSPARENT.....	50
111	.....LUBRISEAL RTV INODORE BLANC.....	50
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956	.....CRACK DETECTOR BLANC.....	65
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101	LUBRISEAL RTV ACETIQUE BLANC	50
102	JOINT BLEU AUTO	50
103	LUBRISEAL RTV ACETIQUE ROUGE	50
104	LUBRISEAL RTV ACETIQUE NOIR	50
110	LUBRISEAL RTV INODORE TRANSPARENT	50
111	LUBRISEAL RTV INODORE BLANC	50
112	LUBRISEAL RTV INODORE NOIR	50
120	SEAL PU	51
123	COLLE PU	55
125	ORABOND BLANC	51
126	ORABOND NOIR	51
128	ORABOND CRISTAL	51
133	JOINTPLAST	49
145	JOINT METAL	50
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202	OREPOX 5	55
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299	FREINAGE ULTRA FAIBLE	44
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301	FREINAGE FORT 15	45
302	FREINAGE FORT HT	45
303	FREINAGE MOYEN	44
304	FREINAGE MOYEN 15	44
305	FREINAGE MOYEN VIOLET	44
306	FREINAGE FAIBLE	44
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314	BLOCK BAGUE	46
316	BLOCK OIL TOLERANT	46
317	BLOCK ROULEMENT 60	46
318	BLOCK ROULEMENT	46
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323	TUBELOCK A	47
324	ORAJOINT	48
326	HYDRAUBLOCK	47
328	PORALOCK	49
329	HYDRAULOCK	47
331	JOINT LIQUIDE	48
333	PORAJOINT	48
334	TUBELOCK TEFLON®	47
340	SEALFLON PATEUX	48
341	SEALFLON LIQUIDE	48
342	ORASEAL	49
343	ORASEAL +	49
345	OIL SEAL B	48
346	NUCSEAL N	49
348	ORAPLAST'X	49
351	GEL CYANO	52
352	SUPER GEL	52
353	C 2000 CMM	53
355	C 2040	52
356	C 3600	53

357	C 3400	53
359	C 2000/5	52
361	C 3610	52
363	C 3000 HU	53
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368	C 3680	53
370	C 3700	54
371	C 3000 AF	54
373	C 3000	52
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391	ORALOC HDI	55
395	ACTIVATEUR A	55
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415	COLLE PVC	51
418	THERMIQUE	56
458	PRE-APPLIQUE	45
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507	NDI	12
508	A 90 H	9/18
510	DEO CHERRY	16
511	ORASOLV M1	10
512	ORASOLV L	10
513	ORASOLV N	11
514	ORASOLV O	12
515	ORANET B1	14
516	NET FREINS	12
517	A 62 NU	12
518	ORASOLV A05	9
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524	ANTISTATIQUE	18
525	RENOV' PLASTIQUE	18
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530	ORANET A	14
531	ORANET C	14
532	ORANET M	14
533	ORANET S	14
535	ORARENOV	15
536	ORASOLV K1	10
537	ORANET N	14
539	ORASOLV E	12
540	ORASOLV P	10
541	ORASOLV P2	10
543	ORASOLV S1	11
544	ORASOLV T	11
547	NETTOYANT CARROSSERIE	16
550	ORANGE SOLVENT	12
558	JET XTRA	16
564	ORASOLV B30	9
565	HUILE L 305	34
567	ORASOLV B40	9
568	ORASOLV A	11
571	ORASOLV B60	9
575	ULTRA CLEAN	17
576	ORASOLV R2	11
579	CODE 79	16
580	ORANGE CREME	17
582	NATUR'SOLV	10
585	ANTI GRAFFITIS	19
586	BRILLINOX	15
587	ANTIMOUS	40
589	ACTI SEPTYL	16
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603	PATE SPRAY	25
604	LM 50	24
605	WSA	30
606	CTDMEP 2	30
607	CT FLON	27
608	CT 4	27
609	CT 609	32
610	MOB 30	25
611	MOB 60	25
612	ENG CB 612	28
613	GRN	24
614	LM 20	24
615	CT 615	32
616	CT 830	30
617	CT 8 EP	30
618	CT FLON AL	32
619	CT 1240	30
620	SITEF GRADE 2	31
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625	CT 12 G	27
626	SITEF GRADE 1	31
628	CT 300	28
629	CT 51	28
632	CT 520 MA	28
633	SI VIDE	28
634	GRAISSE A L'ARGENT	29
635	GRAISSE UNIVERSELLE	27
637	HT 900	25
639	M1RB LUBRIMOLY M2	31
640	BA	26
641	PC 195	26
642	N70	24
643	NB	26
644	SYG	24
645	PTFE	21
646	SI 20	28
647	HTCU	25
648	SI 450	29
649	SI 528	29
650	NZA MAT	59
651	SI ROBINET	29
652	SI 33	31
653	NZA MARINE	59
654	SITEF 3	32
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662	CT 662	32
663	G 105 X	33
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665	CT 665	31
667	IPL 2901 B	32
668	CT RAD	32
669	FLUORE 60	37
672	CT 630	30
674	M7	31
675	M6	31
677	CT 10	27
679	COPA 1100	25
680	CT 140	27
682	RENOV'CUIVRE	15
683	CT 683	29
685	FLUORE 6	37
687	CT BIO	28
688	FORAGE 50	29
698	CT 698	28
699	GALVA EXPRESS	59
700	MOLYSPRAY	21
701	TEFLUSS 2	21
702	GRAPHENE	21
703	POLYVER	22
704	VERGRAF	22
705	ORAFLO	37
706	NZA B	59
707	ORAFLO AL	33

708	CERASPRAY	62
709	VERMOS	23
710	NOIR PAINT	60
711	ORABOR	21
712	ORALU	60
714	SR 05	61
715	VERTRO	61
716	A 20	22
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718	DILUANT EMOS 60	23
719	DILUANT VIMOS 70	23
720	EMOS 60	23
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726	VIMOS 70	23
727	PROTOR MARINE	61
728	ORAVER L183	22
729	DILUANT S104	22
743	CT 143	27
744	RUST AND CONCRETE REMOVER	15
745	LEAK DETECTOR BT	65
746	SILICONE V 7500	35
758	CBL 275	34
768	SILICONE V 20000	35
791	PROTOR SG 100 INCOLORE	61
799	REDUCE AL	7
800	REDUCE 4	7
801	DEGRILUB	7
802	CB5	33
803	SILICONE SPRAY	35
804	PROTOR SG 100	61
805	WR+	7
806	CB6	33
807	ANTIPERL SOUDURE	62
808	ANTIPERL ECO	62
809	CTSI	35
810	FINE 121	33
811	ORATEN	36
812	SILAL	33
813	AV 33	12
814	REDUCE 7	7
815	REDUCE 2N	7
817	DEGRYP'BIO	7
821	CBL 539	33
822	ESIL 10/10	36
823	SIL 50/50	32
825	SILICONE V 300	34
826	SILICONE V 350	35
828	VERNIS L149/3	22
829	SILICONE V 100	35
830	FLUIDE 830	37
831	CB 831	34
832	FLUIDE HM	36
834	SILICONE V 1000	35
836	LUBRIFIANT 836	36
837	MOLIQ	37
838	PEI 35	36
840	G 840	37
842	PROTOR 842	61
846	DILUANT PEINTURE	59
851	ORACOU 311	41
852	ORACOU 252	41
854	ORACOU 91	40
855	OLDUC 1227 SF	40
856	FTS 230	38
856 C	FTS 230 C	38
858	2000 NUCL	40
859	FILDUC 1879	39
860	DOPE SBW	36
864	DCP 1060	41
865	FTS 10 NU	40
869	FTS 18	38
872	FTS 21	38
874	FTS 32	38
877	FTS 58	38
878	FTS 60	38
880	ORACOU 11	41
882	ORACOU 32	41

883	SILICONE V 60000	35
886	TA 1800	39
888	FILDUC 2000	39
889	FILDUC 2030	39
890	FILDUC 4038	39
892	ORACOU 892	41
893	ORALUB 46	34
894	ORALUB 32	34
895	ORALUB 68	34
901	FAST LINE JAUNE	62
903	FLOOR PATCH	63
904	FILL CRACK	63
907	ICE MELT	63
909	FAST LINE BLANC	62
912	FILDUC BIO	39
914	ANTIPERL WB	62
915	CHARIOT TRACAGE	62
916	SOLSEC	63
950	SOUFFLEUR	18
951	GIVREUR	18
952	LEAK DETECTOR	65
953	ADHERENT COURROIES	63
954	BLOC'ROUILLE	60
956	CRACK DETECTOR BLANC	65
957	CRACK DETECTOR ROUGE	65
958	LEAK DETECTOR PMUC	65
959	VSS	17
962	ORATARTRE	15
963	ORAPHOS 50	15
964	ORAPHOS 60	15
967	PROTOR PL ROUGE	61
968	PROTOR PL INCOLORE	61
969	PROTOR AQUA	61
970	SPECTRA COLOR BLEU	64
971	SPECTRA COLOR BLANC	64
972	SPECTRA COLOR JAUNE	64
973	SPECTRA COLOR ROUGE	64
974	REMOVER	64
975	BLEU DE PRUSSE	65
976	SPECTRA COLOR BLEU	64
977	ROUGE DE CHINE	65
1130	ORAFINISH	19
1140	ALCAPOUDRE	19
1144	DECAPSOC EPX GEL	19
1155	SOCOFLUID K	19
2010	NANOLUBRICANT	30
2015	NANOLUBRICANT	26
2020	NANOLUBRICANT	37
2025	NANOLUBRICANT	7
300 000	CODEROUIL (gamme)	60
700 000	PISTOLET SYRINGES	55
700 001	MELANGEUR SYRINGE	55
700 002	PISTOLET CARTRIDGE COLLES MASTIC	51
700 009	DOSEUR 959	17
700 012	POMPE A GRAISSE STANDARD	32
700 014	REFRACTOMETRE	40
700 022	AGRAFE A TIRER POMPE GRAISSE	32
700 024	DOSEUR 523	17
700 050	FONTAINE ELECTRIQUE SOLVANTS	13
700 051	FONTAINE PNEUMATIQUE SOLVANTS	13
700 052	FONTAINE NUE	13/14
700 053	POMPE FONTAINE ELECTRIQUE SOLVANTS	13
700 055	POMPE FONTAINE PNEUMATIQUE SOLVANTS	13
700 058	FONTAINE PNEUMATIQUE DETERGENTS	14
700 061	FONTAINE DEGRAISSAGE ELECTRIQUE 45 L	13
700 062	PISTOLET LUBBE SHUTTLE	30
700 064	POMPE FONTAINE PNEUMATIQUE DETERGENT 14	



## FRANCE

### ◆ ORAPI FRANCE – Headquarters

Parc Industriel de la Plaine de l'Ain  
5, allée des Cèdres - 01150 Saint-Vulbas  
Tél.: +33 (0)4 74 40 20 20  
Fax: +33 (0)4 74 40 20 21



## EUROPE

### ◆ BELGIUM

#### **ORAPI APPLIED BELGIUM S.A.**

Europalaan 24 B  
9800 Deinze  
Tél.: +32 2 2800 736

### ◆ FINLAND

#### **ORAPI NORDIC OY AB**

Salpakuja 6  
01200 Vantaa  
Tél.: +358 9 894 6430  
Fax: +358 9 8946 4322

### ◆ NORWAY

#### **ORAPI APPLIED NORWAY**

Narverødveien 40  
3113 Tønsberg  
Tél.: +47 333 66 000  
Fax: +47 333 66 008

### ◆ UNITED KINGDOM

#### **ORAPI APPLIED Ltd**

Spring Road, Smethwick  
West Midlands, B66 1PT  
Tél.: +44 121 525 4000  
Fax: +44 121 525 4919

### ◆ SPAIN

#### **ORAPI APPLIED ESPANA SAU**

C/ Beethoven 2-4  
1º, Puerta 3  
43007 Tarragona  
Tél.: +34 977 22 50 16  
Fax: +34 977 22 50 29

### ◆ ITALY

#### **ORAPI ITALIA Srl**

Via Vaccareccia 39  
00040 Pomezia (RM)  
Tél.: +39 06 916 10576  
Fax: +39 06 918 02468

### ◆ NETHERLANDS

#### **ORAPI APPLIED NEDERLAND B.V**

Ondernemingsweg 16  
PO Box 466  
2400 Al Alphen aan den Rijn  
Tél.: +31 172 43 72 21  
Fax: +31 172 43 69 01

### ◆ SWEDEN

#### **ORAPI NORDIC OY AB**

Bolandsgatan 10  
753 23 Uppsala  
Tél.: +46 18 50 60 10  
Fax: +46 18 50 09 10



## ASIA

### ◆ MALAYSIA

#### **ORAPI APPLIED (M) Sdn Bhd**

No. 10, Jalan PJU 3/49  
PJU 3, Sunway Damansara  
47810 Petaling Jaya Selangor, Malaysia  
Tél.: +03 7805 3805  
Fax: +03 7880 5805

### ◆ SINGAPORE

#### **ORAPI APPLIED (S) Pte Ltd**

No. 9 Tuas Basin Link  
Singapore 638763  
Tél.: +65 6265 2888  
Fax: +65 6268 6474

## PACIFIC

### ◆ AUSTRALIA

#### **ORAPI PACIFIC-VICTORIA LUB Pty Ltd**

Factory 24, 29-39 Kirkhan Road West  
Keysborough, Po Box 816  
Victoria 3173  
Tél.: +613 9701 5373  
Fax: +613 9701 5532

### ◆ MAURICE ISLAND

#### **ORAPI PACIFIC PROLUB Cie Ltd**

2 rue d'Entrecasteaux  
Port Louis  
Tél.: +230 208 1477  
Fax: +230 210 7370

### ◆ NEW CALEDONIA

#### **ORAPI PACIFIC SFAC SARL**

27, rue Ampère, ZI Ducos - BP 3725  
98846 Nouméa Cedex  
Tél.: +687 25 15 40  
Fax: +687 27 20 67

### ◆ SOUTH AFRICA

#### **ORAPI PACIFIC - ORAPI AFRICA Ltd**

234 Albert Amon Road  
Millenium Business Park  
Meadowdale Ext. 7  
PO. Box 6142, Birchleigh 1621  
Tél.: +27 11 453 17 13  
Fax: +27 11 453 32 79

### ◆ TAHITI / FRENCH POLYNESIA

#### **ORAPI PACIFIC TECHNIPAC SARL**

Z.I Vallée de la Tipaerui  
BP 1706, 98713 Papeete  
Tél.: +689 74 57 33  
Fax: +689 45 04 04

### ◆ NEW ZEALAND

#### **ORAPI IMPORTS LIMITED NZ**

PO. Box 13049  
113 Elwood Road, Hastings  
Tél.: +64 6 870 4880  
Fax: +64 6 870 4890

## America

### ◆ CANADA

#### **ORAPI CANADA Ltd**

7521 Henri Bourassa Est  
Montréal, Québec H1E1N9  
Tél.: +1 514 735 32 72  
Fax: +1 514 735 85 50

### ◆ CHILI

#### **ORAPI CHILE S.A.**

Calle Volcan Lascar Poniente 471  
Bodega C, Comuna Pudahuel, Santiago  
Tél.: +56 2 958 24 87  
Fax: +56 2 949 38 71





Headquarters and plant in France  
Parc Industriel de la Plaine de l'Ain  
5, allée des Cèdres - 01150 Saint-Vulbas - France  
Tél.: +33 (0)4 74 40 20 20 - Fax: +33 (0)4 74 40 20 21

[www.orapi.com](http://www.orapi.com)