

# **Beta** CHEMICALS



CATALOGUE **2022**

**Tightening a bolt is not always enough to guarantee secure tightening. Cleaning, lubrication and sealing are also necessary.**

The range comprises anaerobic sealants, cyanoacrylate adhesives and aerosol cans for maintaining, cleaning and lubricating mechanical parts.

### **Anaerobic Products**

Anaerobic products allow complete filling of small superficial irregularities in metal, so that mechanical stress can be distributed throughout the connecting surface. They harden in total absence of oxygen and completely seal joints or threads from water, gas, oil, fuel and industrial fluids.

They are available in three different strengths - high (H), medium (M) and low (L) - and in different packs, to satisfy different needs.

### **Silicone sealant**

- Enables permanent elastic sealing.
- Replaces preformed gaskets.

- The convenient dispenser allows easy (one-coated), accurate, uniform spreading of the product.
- Polymerizes by reacting with atmospheric moisture and forms an elastic, durable gasket.

### **Instant Glue**

Adhesive based on ethyl cyanoacrylate, for structural joints in a number of materials.

### **Aerosols**

A wide range of products in spray cans, for use for unlocking, greasing, lubricating, cleaning, galvanizing and sanitizing purposes.

### **Liquids**

Developed to remove encrustations and rust from mechanical parts and metal objects. Ideal for use with ultrasonic cleaning tanks 1895.

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### **ATTENTION**

Countries where the products of the Beta Chemicals range are allowed to be distributed: Austria, Belgium, China, Czech Republic, France, Hungary, Italy, Netherlands, Poland, Portugal, Republic of Ireland, Slovakia, Slovenia, Spain, Switzerland, United Kingdom, United Arab Emirates.

# Spray

# 9710

## 7-in-1 multipurpose unlocking lubricant

1. **Unlocking:** dissolves rust from nuts, bolts and gears in general.
2. **Lubricating:** suitable for all mechanical parts subject to stress.
3. **Detergent, degreasing:** removes grease and oil from metal surfaces.
4. **Rust protective:** forms a film protecting against corrosion from weather.
5. **Deoxidizing, for electrical contacts:** reactivates contacts and prevents short circuits.
6. **Waterproof:** removes water and humidity from all surfaces.
7. **Antifreezing:** highly resistant to low temperatures (up to -40 °C).

Fitted with a special valve allowing supply when spray can is upside down. Silicone-free.



Item	Size		
9710	400 ml	12	097102040

### Adjustable Straw

ADJUSTABLE STRAW allows - through a special modular straw - application on parts which would be difficult to reach with a standard dispenser.



# LubriBeta

## UNIVERSAL

# 9712



## Unlocking lubricant, super-penetrating

Unlocking, deoxidizing, highly penetrating, for quick rust and oxidation removal from nuts, bolts, screws and gears.

Waterproof, for water and humidity removal from treated parts.

Highly resistant to cold and heat (-40°C ÷ +150°C).



Item	Size		
9712	400 ml	12	097122040

# Ultra SBLOCK

# 9720



## Multipurpose grease

Particularly useful for lubricating chains, gears and moving metal parts as well as hinges, locks and pivots. Resistant to friction and weather.

Highly resistant to high temperatures (up to 210°C).

Highly adhesive. Does not drip.



Item	Size		
9720	400 ml	12	097202040



# Multi GREASE

# 9722

## White lithium grease

Based on grease with lithium, titanium and zinc oxide soaps. Ideal for gears, bearings, joints and parts subject to mechanical movement in general. Particularly useful for lubricating and protecting mechanical parts in marine applications. Highly resistant to water, sea salt, weather and high temperatures (up to 150°C). Does not drip.



Item	Size		
9722	400 ml	12	097222040



Lithium  
GREASE

# 9724

## PTFE based grease

Lubricating grease mixed with PTFE. Particularly useful for lubricating industrial chains and mechanical movements subject to heavy stress and low rotation speeds. Also suitable for hinges, locks, drawer slides, gates and applications on plastics and rubber. Totally colourless. Waterproof and resistant to oxidation. Highly resistant to cold and heat (-30°C to +220°C).



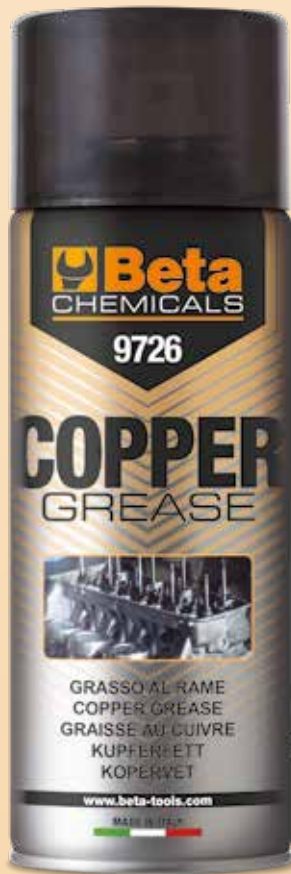
Item	Size		
9724	400 ml	12	097242040



PTFE  
GREASE

# 9726

## Copper grease

Mineral grease mixed with copper. Suitable for lubricating joints, bolts, gears, driveshafts and other metal parts subject to high temperatures (up to 1,000°C). Ideal for preventing seizure and making it easy to unlock threads and parts in general. Protective, anti-wear. Prevents oxidation. Does not drip.



Item	Size		
9726	400 ml	12	097262040



# COPPER GREASE

# 9729

## Silicone spray

Silicone lubricant and detacher. Suitable for lubricating plastic, rubber and metal parts. Protects from corrosion. Detaching, antiadhesive for plastic and rubber moulding. Antistatic, for worktops. Waterproof, protects from humidity and weather corrosion. Protective, for electric circuits. Can be used to polish wood, plastics and rubber. Solvent-free.



Item	Size		
9729	400 ml	12	097292040



# Silic SPRAY

# 9738

## Cutting oil

Highly lubricating and protective. Suitable for milling, boring, threading, drilling and manual and automatic machine working. Highly resistant to oxidation. Water washable. Solvent-free.



Item	Size		
9738	400 ml	12	097382040



# Cutting OIL

# 9740

## Brake cleaner

Ideal for cleaning brake discs and pads, engines. Allows any grease and tar deposits to be removed, without leaving residue. Also suitable as a general degreaser for metal surfaces. Evaporates quickly. Does not damage plastics and rubber.



Item	Size		
9740	500 ml	12	097402050



# Brake CLEANER

# 9741

## Multipurpose detergent/degreaser

Detergent and degreaser for dissolving grease, oil, tar, silicone and glue. Suitable for cleaning metal, hard plastic, ceramic, steel and aluminium surfaces.  
Free from oil residues.



Item	Size		
9741	400 ml	12	097412040



# Multi CLEANER

# 9742

## Cleaner for electric and electronic contacts

Useful for cleaning and cleansing electronic contacts, circuits and electrical components in general. Its non-thick consistency allows uniform, quick distribution on treated surfaces, removing grease and dirt, without leaving oily residue. Evaporates quickly. Does not damage plastics and rubber.



Item	Size		
9742	400 ml	12	097422040

# Contact CLEANER

# 9743



## Foam detergent

Foam detergent for all types of surfaces, tools and fabrics. Based on quaternary ammonium salts, it forms an active foam which cleans and removes dirt and grease.

Removes bad smells. No rinse required.

Not a disinfectant.



Item	Size		
9743	500 ml	12	097432050



# Surface CLEANER

# 9745

## Cleaner for carburetors and throttle bodies

Specific for interior and exterior cleaning of carburetors, suction ducts and throttle bodies. Totally removes carbonaceous residue, deposits and impurities. Evaporates quickly. Does not leave oily residue.



Item	Size		
9745	400 ml	12	097452040



# Carb CLEANER

# 9746

## Air conditioner cleaner

Thick foam formulation. Suitable for industrial, civil and car air conditioners. Removes dirt, deposits and odours from ducts. Leaves a pleasant fragrance. Supplied with a straw.



Item	Size		
9746	400 ml	12	097462040



# Clima CLEANER

# 9749

## Air spray

Compressed gas based. Ideal for removing dust deposits from cracks, gear, electrical parts, keyboards and delicate mechanisms in general. The aerosol can with straw allows hardly accessible parts to be easily reached.



Item	Size		
9749	400 ml	12	097492040



# Air SPRAY

# 9752

## Clear zinc

Highly covering, it is ideal for galvanizing iron parts, welding touch-ups, nuts, bolts and parts subject to weathering. Particularly resistant to oxidation and abrasion. Highly adhesive, it forms an elastic film of very light colour, similar to hot galvanizing. Can be overpainted. Also ideal as a final protectant. Does not drip.



Item	Size		
9752	400 ml	12	097522040



# Zinc 98%

# 9755

## Welding anti-spatter spray

Prevents slag adhesion. Makes welding easier and quicker. For use on parts that need welding and as a protector for welding torch nozzles. Makes it possible to carry out subsequent operations, e.g. painting, galvanizing and chrome-plating. Easy to remove. No fumes. Chlorinated-free.



Item	Size		
9755	400 ml	12	097552040



# Welding SPRAY

# 9765

## De-icer spray

Removes ice and frost from windows. Also ideal for frozen locks and mechanisms. Effective down to -40°C. Nongreasy, smear-free. Does not affect treated surfaces, rubber and plastics.



Item	Size		
9765	400 ml	12	097652040



# De-icer SPRAY

# 9775

## Fabric waterproofing spray

Suitable for textiles and leather. Ideal for footwear, jackets and clothing in general. Allows fabrics to be waterproofed, without affecting breathability. Stain resistant. Provides improved resistance to bending and abrasion.



Item	Size		
9775	400 ml	12	097752040

# Water STOP

098512002  
**20 g**  
Bottle



# 9851

## Instant glue

For structural joints. Based on ethyl cyanoacrylate. For adhesion of a wide range of materials, including metal, plastics, leather, wood and several other types of substrates, whether combined with each other or separate. Bonds quickly.

098512005  
**50 g**  
Bottle



098512500  
**5 g**  
Tube



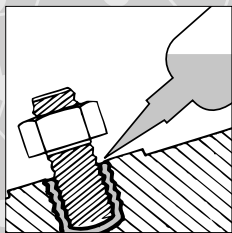
098512050  
**500 g**  
Bottle



	9851
Temperature range (°C)	-55/+82
Viscosity (mPa.s) 25°C	80-120

Item	Size		
9851	5 g	24	098510500
	20 g	12	098512002
	50 g	10	098512005
	500 g	1	098512500

# Instant GLUE



# Threadlocker

Anaerobic threadlocker for metal threads.  
Prevents screws, bolts and studs from loosening due to vibrations and shocks.  
Polymerizes in contact with ground metal parts and in absence of oxygen.

High chemical resistance (oils, water, gas, etc.).  
Protects threads from corrosion and seizure from corrosion.

Available in 3 strength classes.

	9803H	9802M	9801L
Temperature range (°C)	-50/+150	-50/+150	-50/+150
Max gap fill (mm)	0,25	0,15	0,10
Handling cure time (min.)	10/15	10/15	10/15
Functional cure time (h)	3-6	3-6	3-6
Viscosity (mPa.s) 25°C	800/1.200	500/800	500/800
Breakaway torque (ISO-10964)	35-45 Nm	22-30 Nm	6-10 Nm
Prevailing torque (ISO-10964)	30-40 Nm	20-25 Nm	4-8 Nm



# 9803H

Ideal for permanent locking of parts that do not need subsequent dismantling, and for passivated metal surfaces, including brass, aluminium and stainless steel.  
Does not allow disassembly with hand tools.

098032002

20 ml  
Bottle



098032005

50 ml  
Bottle



098032025

250 ml  
Bottle



Item	Size	📦	🏢
9803H	20 ml	12	098032002
	50 ml	4	098032005
	250 ml	4	098032025

# HIGH RESISTANCE

# 9802M

Ideal for fixing parts subject to periodic maintenance, bearings and bushes. Allows dismantling by using hand tools.

098022002

**20 ml**

Bottle



098022005

**50 ml**

Bottle



098022025

**250 ml**

Bottle



Item	Size		
9802M	20 ml	12	098022002
	50 ml	4	098022005
	250 ml	4	098022025

# MEDIUM RESISTANCE

# 9801L

Ideal for fixing particular light alloys which could get damaged during disassembly and for adjusting screws. Easier parts disassembly.

098012002

**20 ml**

Bottle



098012005

**50 ml**

Bottle



098012025

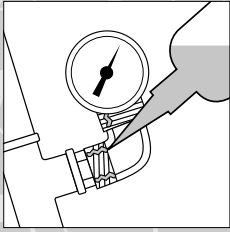
**250 ml**

Bottle



Item	Size		
9801L	20 ml	12	098012002
	50 ml	4	098012005
	250 ml	4	098012025

# LOW RESISTANCE



# Thread sealant

Anaerobic thread sealant for threaded metal joints. Polymerizes in contact with ground metal parts and in absence of oxygen. Provides perfect tightness to liquids and gases. Makes joints sturdier. Tolerates slight contamination by oils.

High chemical resistance (oils, water, gas). Protects threads from corrosion and seizure from corrosion.

Available in 3 strength classes.

	9813H	9812M	9811L
Temperature range (°C)	-50/+200	-50/+150	-50/+150
Max gap fill (mm)	0,15	0,35	0,20
Handling cure time (min.)	10-15	12-18	10-15
Functional cure time (h)	3-6	3-6	3-6
Viscosity (mPa.s) 25°C	40.000/80.000	20.000/40.000	10.000/20.000
Breakaway torque (ISO-10964)	35-45 Nm	27-35 Nm	6-10 Nm
Prevailing torque (ISO-10964)	25-35 Nm	20-30 Nm	4-8 Nm



# 9813H

Ideal for permanent sealing of nipples, that do not need subsequent dismantling, and for passivated metal surfaces, including brass, aluminium and stainless steel. Does not allow disassembly with hand tools.



098132002

**20 ml**  
Bottle



098132305

**50 ml**  
Bellow bottle

098132505

**50 ml**  
Tube

098132510

**100 ml**  
Tube



098132525

**250 ml**  
Tube

Item	Size	📦	🏢
9813H	20 ml	12	098132002
	50 ml	6	098132305
	50 ml	4	098132505
	100 ml	4	098132510
	250 ml	4	098132525

# HIGH RESISTANCE

# 9812M

Ideal for sealing nipples parts subject to periodic maintenance. Allows dismantling by using hand tools.



098122002  
**20 ml**  
Bottle



098122305  
**50 ml**  
Bellow bottle

098122505  
**50 ml**  
Tube



098122510  
**100 ml**  
Tube

098122525  
**250 ml**  
Tube

Item	Size		
9812M	20 ml	12	098122002
	50 ml	6	098122305
	50 ml	4	098122505
	100 ml	4	098122510
	250 ml	4	098122525

**MEDIUM**  
RESISTANCE

# 9811L

Ideal for sealing small or fine-pitch joints. Easier parts disassembly.



098112002  
**20 ml**  
Bottle



098112305  
**50 ml**  
Bellow bottle

098112505  
**50 ml**  
Tube

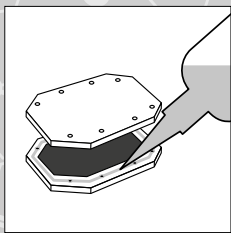


098112510  
**100 ml**  
Tube

098112525  
**250 ml**  
Tube

Item	Size		
9811L	20 ml	12	098112002
	50 ml	6	098112305
	50 ml	4	098112505
	100 ml	4	098112510
	250 ml	4	098112525

**LOW**  
RESISTANCE



# Liquid gasket

Anaerobic liquid gasket, ideal for flat mating of ground metal surfaces. Polymerizes in contact with ground metal parts and in absence of oxygen. Prevents loosening of joints and bolts and changes in thickness.

High chemical and thermal resistance (oils, water, gas).

Available in 3 strength classes.

	9823H	9822M	9821L
Temperature range (°C)	-50/+150	-50/+150	-50/+150
Max gap fill (mm)	0,35	0,35	0,35
Handling cure time (min.)	10/16	10/15	20/30
Functional cure time (h)	3-6	3-6	3-6
Viscosity (mPa.s) 25°C	100.000/200.000	40.000/70.000	60.000/90.000
Breakaway torque (ISO-10964)	35-45 Nm	25-35 Nm	7-11 Nm
Prevailing torque (ISO-10964)	20-30 Nm	20-30 Nm	4-9 Nm



# 9823H

Ideal for permanent sealing of surfaces. Also ideal for reclaiming bearing housings and worn parts. Does not allow disassembly with hand tools.



098232002

**20 ml**  
Bottle



098232305

**50 ml**  
Bellow bottle

098232505

**50 ml**  
Tube

098232510

**100 ml**  
Tube



098232525

**250 ml**  
Tube

Item	Size	📦	🏢
9823H	20 ml	12	098232002
	50 ml	6	098232305
	50 ml	4	098232505
	100 ml	4	098232510
	250 ml	4	098232525

# HIGH RESISTANCE

# 9822M

Ideal for sealing of surfaces of parts subject to periodic maintenance. Allows dismantling by using hand tools.



098222002  
**20 ml**  
Bottle



098222305  
**50 ml**  
Bellow bottle

098222505  
**50 ml**  
Tube



098222510  
**100 ml**  
Tube

098222525  
**250 ml**  
Tube

Item	Size		
9822M	20 ml	12	098222002
	50 ml	6	098222305
	50 ml	4	098222505
	100 ml	4	098222510
	250 ml	4	098222525

# 9821L

Ideal for sealing of surfaces of parts subject to frequent maintenance. Protects threads from corrosion and seizure from corrosion. Easier parts disassembly.



098212002  
**20 ml**  
Bottle



098212305  
**50 ml**  
Bellow bottle

098212505  
**50 ml**  
Tube



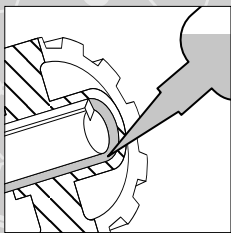
098212510  
**100 ml**  
Tube

098212525  
**250 ml**  
Tube

Item	Size		
9821L	20 ml	12	098212002
	50 ml	6	098212305
	50 ml	4	098212505
	100 ml	4	098212510
	250 ml	4	098212525

**MEDIUM**  
RESISTANCE

**LOW**  
RESISTANCE



# Locker

Anaerobic locker for metal threads. Prevents loosening due to vibrations and shocks. Polymerizes in contact with ground metal parts and in absence of oxygen. Increases torque transmitted between shaft and hub, removing corrosion from friction. High thermal and chemical resistance (oils, water, gas). Available in 3 strength classes.

	9833H	9832M	9831L
Temperature range (°C)	-50/+180	-50/+180	-50/+150
Max gap fill (mm)	0,15	0,25	0,10
Handling cure time (min.)	10/15	12/20	10/15
Functional cure time (h)	3-6	3-6	3-6
Viscosity (mPa.s) 25°C	400/700	2.000/4.000	500/800
Breakaway torque (ISO-10964)	35-45 Nm	25-35 Nm	6-10 Nm
Prevailing torque (ISO-10964)	30-40 Nm	18-28 Nm	4-8 Nm



# 9833H

Ideal for fixing parts that do not need subsequent dismantling. Also suitable for fixing already installed devices that are difficult to dismantle. Does not allow disassembly with hand tools.



098332002

**20 ml**  
Bottle



098332005

**50 ml**  
Bottle



098332025

**250 ml**  
Bottle

Item	Size	📦	🏢
9833H	20 ml	12	098332002
	50 ml	4	098332005
	250 ml	4	098332025

# HIGH RESISTANCE

# 9832M

Ideal for fixing parts subject to periodic maintenance.  
Allows dismantling by using hand tools.

 098322002

**20 ml**  
Bottle



 098322005



**50 ml**  
Bottle



 098322025

**250 ml**  
Bottle



Item	Size		
9832M	20 ml	12	098322002
	50 ml	4	098322005
	250 ml	4	098322025

# MEDIUM RESISTANCE


# 9831L

Ideal for fixing small parts subject to frequent  
maintenance. Easier parts disassembly.

 098312002


**20 ml**  
Bottle



 098312005



**50 ml**  
Bottle



 098312025

**250 ml**  
Bottle



Item	Size		
9831L	20 ml	12	098312002
	50 ml	4	098312005
	250 ml	4	098312025

# LOW RESISTANCE

# Siliconic sealants

## 9841N

**Black acetic-reticulation silicone sealant, resistant to high temperatures, with convenient pressure dispenser (pressure pack)**

Withstands temperatures up to 240°C. Enables permanent elastic sealing. Replaces preformed gaskets. The convenient dispenser allows easy (one-coated), accurate, uniform spreading of the product. Polymerizes by reacting with atmospheric moisture and forms an elastic, durable gasket. Ideal for oil sumps, oil pumps, housings, gearboxes, engine parts that are not subject to high pressure and applications that require resistance to high temperatures. Perfectly adheres to most non-porous substrates, including glass, coated wood, ceramic and enamel. Not suitable for PE, PP, PC, PMMA, PTFE, soft plastics, neoprene and bituminous substrates. Cannot be painted.



**NEW**

**240°C**

## 9841R



**Red acetic-reticulation silicone sealant, resistant to high temperatures, with convenient pressure dispenser (pressure pack)**



Withstands temperatures up to 300°C. Enables permanent elastic sealing. Replaces preformed gaskets. The convenient dispenser allows easy (one-coated), accurate, uniform spreading of the product. Polymerizes by reacting with atmospheric moisture and forms an elastic, durable gasket. Ideal for oven and furnace doors, plates, heating systems, outlets, thermostats, pumps, heating pipes, engine parts that are not subject to high pressure and applications that require resistance to high temperatures. Perfectly adheres to most non-porous substrates, including glass, coated wood, ceramic and enamel. Not suitable for PE, PP, PC, PMMA, PTFE, soft plastics, neoprene and bituminous supports. Cannot be painted.



**NEW**

**300°C**

Item	Size		
9841N	200 ml	12	098412120

Item	Size		
9841R	200 ml	12	098412020

# Black SEAL

# Red SEAL

# Liquids

## 9881U

### Industrial alkaline detergent for ultrasonic tank

Industrial alkaline detergent, concentrated, water-based. For ultrasonic cleaning and other purification processes. Allows spare parts and metal pieces in general (injectors, carburettors, valves etc.) to be accurately and effectively cleaned. Removes oil, grease, lubricants, residues of glue, resin and wax. Also suitable for cleaning aluminium parts. pH 13.5

#### Recommended amount:

3-4% (1:30) - light to normal dirt

5% (1:20) - heavy dirt

Operating temperature: > 40°C

for aluminium: max. recommended temperature 65°C.

After treatment, rinse with water.



## 9882R

### Selective rust remover liquid



Water-based selective rust remover liquid for iron, steel, stainless steel, cast iron and chrome platings. Removes top oxidized layer, without affecting underlying metal.

Dilution: from pure to max. 1:1.

Minimum operating temperature: 15°C.

Operating times: 30' - 24/48h (for heavy rust). Biodegradable and 100% water-soluble.



Item	Size		
9881U	1 L	1	098812010

Item	Size		
9882R	1 L	1	098822010

# ULTRASONIC CLEANER

# RUST CLEANER

The images are for reference only. Beta Utensili S.p.A. reserves the right to update and upgrade its product range without notice.



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