

## PRODUCT CATALOGUE

**varibond** AND **NEVER-SEEZ** PRODUCTS FOR  
MAINTENANCE, REPAIR, OVERHAUL

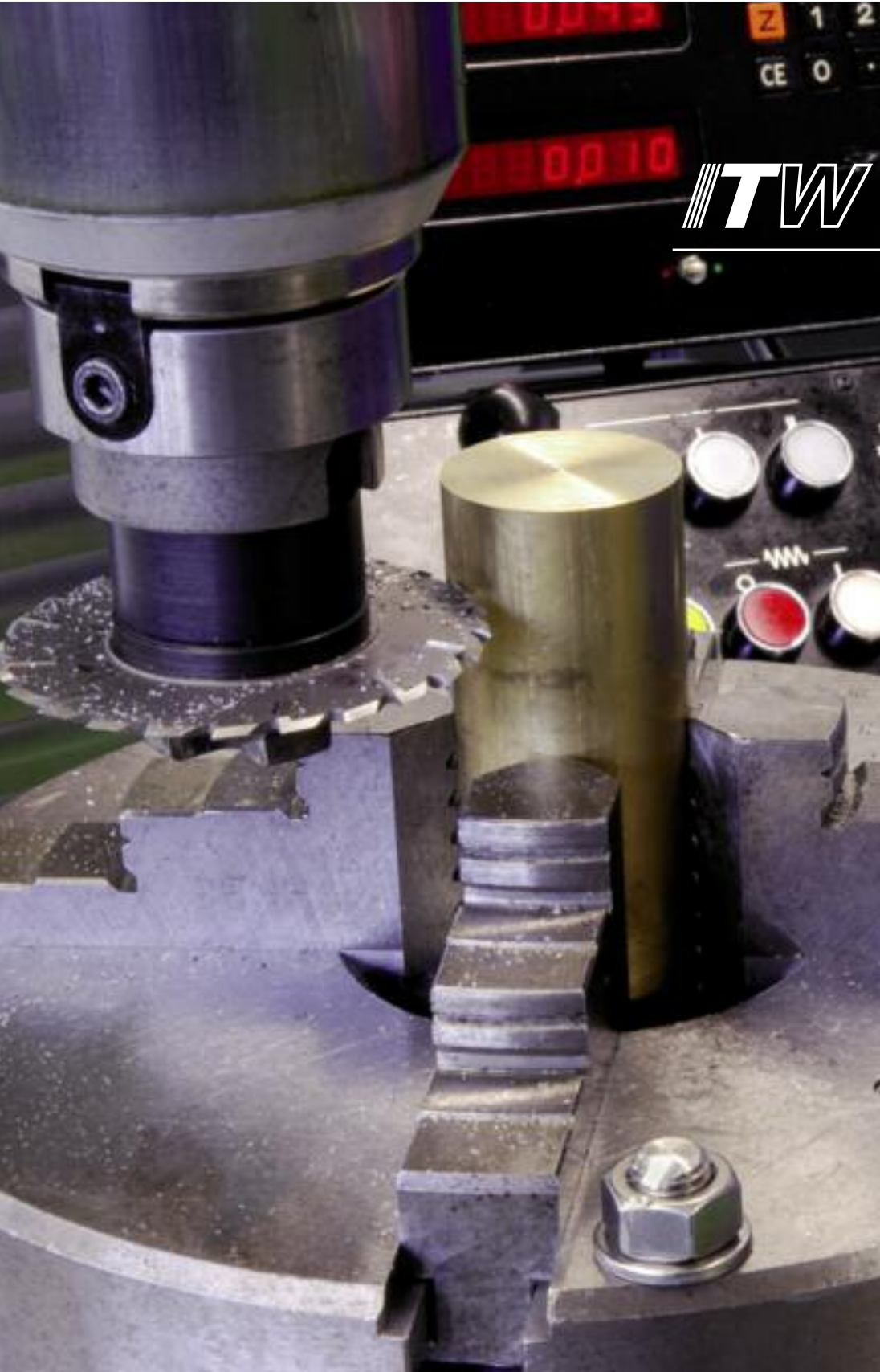
**SCRUBS**™ AND **DYKEM**™ PRODUCTS FOR  
CLEANING AND INDUSTRIAL MARKING





# TABLE OF CONTENTS

<b>ANAEROBIC ADHESIVES</b>	<b>6</b>
THREAD LOCKING COMPOUNDS	6
PIPE THREAD SEALANTS	8
SURFACE GASKETING	9
ASSEMBLY CEMENTS	10
<b>CYANOACRYLATE ADHESIVES</b>	<b>12</b>
ELASTOMER	12
PLASTIC	12
METAL	13
GENERAL-PURPOSE	14
ODOURLESS	14
BLACK	14
SPECIAL APPLICATION	15
<b>STRUCTURAL BONDING</b>	<b>16</b>
STRUCTURAL BONDING – RIGID	16
STRUCTURAL BONDING – FLEXIBLE	17
SURFACE PREPARATION	17
<b>METAL-FILLED EPOXY RESINS</b>	<b>18</b>
<b>NDT – NON-DESTRUCTIVE MATERIALS TESTING</b>	<b>20</b>
<b>CORROSION PROTECTION, COATINGS AND OILS</b>	<b>20</b>
<b>TAPPING FLUID</b>	<b>22</b>
<b>CLEANERS AND DEGREASERS</b>	<b>22</b>
<b>SPECIAL-PURPOSE LUBRICANTS</b>	<b>24</b>
<b>ANTI-SEIZE COMPOUNDS AND LUBRICANTS</b>	<b>27</b>
ANTI-SEIZE COMPOUNDS	27
ANTI-SEIZE CERAMIC PASTE	28
GREASES	28
<b>CLEANER AND DEGREASER TOWELS</b>	<b>30</b>
<b>STAINLESS STEEL</b>	<b>31</b>
<b>ANTI GRAFFITI</b>	<b>31</b>
<b>INDUSTRIAL MARKERS</b>	<b>32</b>



**ITW**

**Engineering  
for progress.**

Today's metal fabricating industry is as sophisticated and complex as never before.

It stands to reason that the products used as consumables must represent the state of the art in their respective requirements.

The ITW corporate logo identifies a group of enterprises with international presence and solid competence in a variety of areas. Their combined expertise results in cutting-edge solutions meeting the needs of MRO specialists in industry and trade.



### What ITW stands for:

- International expertise
- Ongoing research and development
- Quality as a brandname promise
- Dedicated customer service
- Excellent price/performance ratio



VARYBOND® is the international brand of professional products for all areas of metal fabrication. Industry leaders around the world have come to rely on VARYBOND® competence and quality.



NEVER-SEEZ® anti-seize compounds and lubricants are found in applications where product performance and proven reliability are a must. Valued by users in every corner of the globe, NEVER-SEEZ® products ensure flawless processes and provide dependable corrosion prevention.



The unbeatable cleaning power of SCRUBS® Hand Cleaner Towels remains an industry leader. The patented, citrus-based formula is combined with a tough, textured blue towel to loosen, dissolve and absorb dirt and grease leaving your hands truly clean. The effectiveness of pumice soap in a one-step, pre-moistened towel allows you to use SCRUBS® Hand Cleaner Towels anywhere, anyplace, anytime!



Dykem is a world-leader in manufacturing diverse lines of industrial MRO specialty chemicals and marking systems.

# ANAEROBIC ADHESIVES

## THREAD LOCKING COMPOUNDS

### VARYBOND® 12-22 Thread Locking Compound low strength

General-purpose product of average viscosity. Ideal for thread connections requiring easy disassembly. Max. thread diameter of M36, and max. thread reach of 2x thread diameter. Also used for securing metering or adjusting screws with fine thread.

### VARYBOND® 12-41 Thread Locking Compound medium strength

General-purpose product for medium-strength threaded connections. Also suitable for fine-thread applications. Assembled parts are easily removed using standard tools.

### VARYBOND® 12-42 Thread Locking Compound medium strength

General-purpose product for a diversity of applications, featuring excellent thermal stability and media resistance. Especially suitable for use with stainless and electroplated fasteners. Relatively unaffected by surface contamination. Quick-hardening, also on stainless steel and passivated surfaces. Conforms to DIN EN 751-1.

### VARYBOND® 12-43 Thread Locking Compound medium strength

General-purpose product for a diversity of applications, featuring excellent thermal stability and media resistance. Especially suited for use with stainless and electroplated fasteners. Gap filling properties due to higher viscosity. Hardens quickly, also on stainless steel and passivated surfaces. Conforms to DIN EN 751-1.



#### 12-22

Colour	Purple
Thread Size	Thru M36
Cured Strength	Low
Gap Filling Width	Thru 0.2 mm
Final Strength	24 h
Breakaway Torque	4 – 7 Nm (M10)
Viscosity mPa·s	
Spindle RPM 2/20	800 – 1200
Density	1.09 g/ml
Temperature Range	-55°C to +150°C
Unit Sizes	50/250 ml
Units/Carton	10 Bottles

**Art. No. 50 ml** VA3 12-22  
**250 ml** VA4 12-22

#### 12-41

Colour	Blue
Thread Size	Thru M12
Cured Strength	Medium
Gap Filling Width	Thru 0.15 mm
Final Strength	24 h
Breakaway Torque	~ 15 Nm
Viscosity mPa·s	
Spindle RPM 1/20	100 – 150
Density	1.12 g/ml
Temperature Range	-55°C to +150°C
Unit Sizes	50/250 ml
Units/Carton	10 Bottles

**Art. No. 50 ml** VA3 12-41  
**250 ml** VA4 12-41

#### 12-42

Colour	Blue
Thread Size	Thru M36
Cured Strength	Medium
Gap Filling Width	Thru 0.25 mm
Final Strength	24 h
Breakaway Torque	~ 21 Nm
Viscosity mPa·s	
Spindle RPM 1/20	5000 – 7000
Spindle RPM 3/20	1500 – 2500
Density	1.12 g/ml
Temperature Range	-55°C to +150°C
Unit Sizes	50/250 ml
Units/Carton	10 Bottles

**Art. No. 50 ml** VA3 12-42  
**250 ml** VA4 12-42

#### 12-43

Colour	Blue
Thread Size	Thru M36
Cured Strength	Medium
Gap Filling Width	Thru 0.25 mm
Final Strength	24 h
Breakaway Torque	14 – 22 Nm
Viscosity mPa·s	
Spindle RPM 6/20	6500 – 8500
Spindle RPM 3/100	2800 – 4500
Density	1.1 g/ml
Temperature Range	-55°C to +150°C
Unit Sizes	50/250 ml
Units/Carton	10 Bottles

**Art. No. 50 ml** VA3 12-43  
**250 ml** VA4 12-43

**VARYBOND® 12-45**  
Thread Locking Compound  
medium strength

General-purpose product featuring excellent media resistance and thermal stability. Especially suited for use with stainless and electroplated fasteners. Relatively unaffected by surface contamination. Hardens quickly, also on stainless steel and passivated surfaces.

**VARYBOND® 12-62**  
Thread Locking Compound  
high strength

Mainly used for dedicated applications in high-load securing of threaded connections. Ensures permanent installation of stud bolts. Resists disassembly by means of standard tools.

**VARYBOND® 12-71**  
Thread Locking Compound  
high strength

Thread Locking Compound for general-purpose applications. Specially formulated for high-strength threaded connections. Used in installations of stud bolts and ball and roller bearings that do not normally require subsequent removal.

**VARYBOND® 12-75**  
Thread Locking Compound  
heat resistant

High-strength product for heavy-duty and temperature resistant threaded connections and pipe thread seals. Secures and seals cap screws, stud bolts, nuts and threaded inserts. Protects against impact, vibration, and corrosion. High viscosity provides additional gap filling properties. Depending on thread diameter, breakout or removal is difficult to ineffective.



12-45	
Colour	Blue
Thread Size	Thru M36
Cured Strength	Medium
Gap Filling Width	Thru 0.25 mm
Final Strength	24 h
Breakaway Torque	~ 21 Nm
Viscosity mPa·s	
Spindle RPM 1/20	5000 – 7000
Spindle RPM 3/20	1500 – 2500
Density	1.12 g/ml
Temperature Range	-55°C to +150°C
Unit Sizes	50/250 ml
Units/Carton	10 Bottles
<b>Art. No.50 ml</b>	<b>VA3 12-45</b>
<b>250 ml</b>	<b>VA4 12-45</b>

12-62	
Colour	Red
Thread Size	Thru M36
Cured Strength	High
Gap Filling Width	Thru 0.25 mm
Final Strength	24 h
Breakaway Torque	20 – 24 Nm (M10)
Viscosity mPa·s	
Spindle RPM 3/2.5	5000 – 7000
Spindle RPM 3/20	1200 – 1800
Density	1.11 g/ml
Temperature Range	-55°C to +150°C
Unit Sizes	50/250 ml
Units/Carton	10 Bottles
<b>Art. No.50 ml</b>	<b>VA3 12-62</b>
<b>250 ml</b>	<b>VA4 12-62</b>

12-71	
Colour	Green
Thread Size	Thru M20
Cured Strength	High
Gap Filling Width	Thru 0.15 mm
Final Strength	24 h
Breakaway Torque	> 30 Nm (M10)
Viscosity mPa·s	
Spindle RPM 2/20	400 – 600
Density	1.11 g/ml
Temperature Range	-55°C to +150°C
Unit Sizes	50/250 ml
Units/Carton	10 Bottles
<b>Art. No.50 ml</b>	<b>VA3 12-71</b>
<b>250 ml</b>	<b>VA4 12-71</b>

12-75	
Colour	Red
Thread Size	Thru M36
Cured Strength	High, and heat resistant
Gap Filling Width	Thru 0.20 mm
Final Strength	24 h
Breakaway Torque	> 23 Nm (M10)
Viscosity mPa·s	
Spindle RPM 4/20	8000 – 12000
Density	1.1 g/ml
Temperature Range	-55°C to +200°C
Unit Sizes	50/250 ml
Units/Carton	10 Bottles
<b>Art. No.50 ml</b>	<b>VA3 12-75</b>
<b>250 ml</b>	<b>VA4 12-75</b>

# ANAEROBIC ADHESIVES

## THREAD LOCKING COMPOUNDS

### VARYBOND® 12-90 Thread Locking Compound capillary action

Used for post-installation securing of small screws and cylindrical parts. Ideal for housing screws, adjusting, and carburetor screws, etc. Capillary action allows the product to wick into pin porosities, micropores and hairline cracks, reliably sealing diecast housings and welding seams.

#### 12-90

Colour	Green
Thread Size	Thru M5
Cured Strength	Medium to high
Gap Filling Width	Thru 0.07 mm
Final Strength	24 h
Breakaway Torque	18 – 23 Nm (M10)
Viscosity mPa·s	
Spindle RPM 1/20	10 – 20
Density	1.07 g/ml
Temperature Range	-55°C to +150°C
Unit Sizes	50/250 ml
Units/Carton	10 Bottles

Art. No. 50 ml VA3 12-90  
250 ml VA4 12-90

## PIPE THREAD SEALANTS

### VARYBOND® 15-42 Hydraulic Sealant medium strength

Quick-hardening, solvent resistant anaerobic adhesive for sealing pneumatic and hydraulic connections. Pressure resistant up to burst pressure. Applications in machine manufacture, automotive service, on construction equipment and agricultural machinery.



#### 15-42

Colour	Brown
Consistency	Liquid, hardening
Hardening System	Anaerobic
Thread Size	Max. R 3/4"
Cured Strength	Medium
Gap Filling Width	Thru 0.15 mm
Final Strength	24 h
Breakaway Torque	14 – 20 Nm (M10)
Viscosity mPa·s	
Spindle RPM 2/20	500 – 700
Density	1.05 g/ml
Temperature Range	-55°C to +150°C
Unit Sizes	50/250 ml
Units/Carton	10 Bottles

Art. No. 50 ml VA3 15-42  
250 ml VA4 15-42

### VARYBOND® 15-72 PTFE Pipe Thread Sealant

PTFE-filled adhesive with a low friction coefficient. Specially formulated for easy disassembly of coarse-threaded joints on metal pipes requiring slow pipe sealant hardening. Suitable in particular for pipe joints with tapered or cylindrical threads (e.g., Whitworth B.S.P. threads) to DIN 2999. This flexible and chemical-resistant adhesive features a ductile yield before breakage in excess of 100%.  
Conforms to DIN EN 751-1.

#### 15-72

Colour	White
Consistency	Liquid, hardening
Hardening System	Anaerobic
Thread Size	Max. R 3" (M80)
Cured Strength	Low
Gap Filling Width	Thru 0.30 mm
Final Strength	24 h
Breakaway Torque	5 – 8 Nm (M10)
Viscosity mPa·s	
Spindle RPM 6/2.5	40000 – 60000
Spindle RPM 6/20	15000 – 20000
Density	1.0 g/ml
Temperature Range	-55°C to +150°C
Unit Sizes	50/250 ml
Units/Carton	6 Bellows (50 ml) 10 Tubes (250 ml)

Art. No. 50 ml VA3 15-72  
250 ml VA4 15-72

### VARYBOND® 15-77 Pipe Thread Sealant with potable-water approval

General-purpose pipe thread sealant for all types of tapered and cylindrical pipe thread joints. Seals instantly at low pressure. Approved for use with drinking water installations, and natural-gas resistant. Application in sprinkler systems, gas fitting installations, etc.  
Conforms to DIN EN 751-1 (DVGW).



#### 15-77

Colour	Yellow
Consistency	Liquid, hardening
Hardening System	Anaerobic
Thread Size	Max. R 3" (M80)
Cured Strength	Medium
Gap Filling Width	Thru 0.50 mm
Final Strength	24 h
Breakaway Torque	15 – 20 Nm (M10)
Viscosity mPa·s	
Spindle RPM 6/2.5	60000 – 80000
Spindle RPM 6/20	20000 – 30000
Density	1.05 g/ml
Temperature Range	-55°C to +150°C
Unit Sizes	50/250 ml
Units/Carton	6 Bellows (50 ml) 10 Tubes (250 ml)

Art. No. 50 ml VA3 15-77  
250 ml VA4 15-77



## SURFACE GASKETING

### VARYBOND® 15-86 Pipe Thread Sealant high strength

General-purpose product with specific suitability for high-strength pipe thread connections requiring high temperature and media resistance. Also used to install stud bolts. Provides gap bridging properties. Conforms to DIN EN 751-1 (DVGW).

### VARYBOND® 15-32M General-Purpose Gasketing

This gasketing compound - developed by Rolls-Royce - remains permanently pliable, and can be used by itself and in conjunction with paper or other conventional gasket material. For use with all types of gasketing applications in automotive and machine manufacture. Short-term tolerant up to +300°C.

### VARYBOND® 15-73 Surface Gasketing low strength

Seals all rigid metallic flanges and surfaces, especially on aluminium diecast or cast steel components. The product's low strength ensures easy parts removal. Quick and easy application with paint roller or screen printing. The gasket film features a ductile yield before breakage in excess of 100%.

### VARYBOND® 15-18 Flexible Surface Sealer medium strength

Used for sealing dimensionally stable flange connections. Specially formulated for sealing aluminium flanges or joints of dissimilar metals. Drip-free, i.e., the product can be applied to vertical surfaces or in overhead situations. Product film compensates for peak-to-valley surface roughness. Medium resistance to disassembly. Seals instantly to contain low pressures. Retains slight flexibility up to a temperature of +120°C.



#### 15-86

Colour	Red
Consistency	Liquid, hardening
Hardening System	Anaerobic
Thread Size	Max. R 2"
Cured Strength	High
Gap Filling Width	Thru 0.30 mm
Final Strength	24 h
Breakaway Torque	25 – 35 Nm (M10)
Viscosity mPa·s	
Spindle RPM 4/20	6000 – 7000
Density	1.1 g/ml
Temperature Range	-55°C to +150°C
Unit Sizes	50/250 ml
Units/Carton	10 Bottles

Art. No.50 ml VA3 12-77  
250 ml VA4 12-77

#### 15-32M

Colour	Blue
Gasket Type	Gel-type paste
Flange Type	Flexible
Hardening System	Solvent-based
Sealing Properties	Excellent
Cured Strength	Permanently pliable
Resistant Against:	Water, air, engine fuels, oils, water/glycol and methanol blends, antifreeze, gasoline, synthetic lubricants, kerosene, CFC refrigerants.
Gap Filling Width	0.1 – 0.15 mm
Density	1.28 g/ml
Temperature Range	-55°C to +250°C (short-term up to 300°C)
Unit Sizes	80 ml
Units/Carton	10 Tubes

Art. No.80 ml VA3 15-32M

#### 15-73

Colour	Green
Gasket Type	Liquid
Flange Type	Rigid
Hardening System	Anaerobic
Sealing Properties	Excellent
Cured Strength	Low
Oil, Water, Glycol Resistance	Excellent
Gap Filling Width	Thru 0.30 mm
Final Strength	24 h
Tensile Strength	2 – 4 N/sq. mm
Viscosity mPa·s	
Spindle RPM 6/2.5	40000 – 60000
Spindle RPM 6/20	15000 – 25000
Density	1.05 g/ml
Temperature Range	-55°C to +150°C
Unit Sizes	50/250 ml
Units/Carton	6 Bellows (50 ml) 10 Tubes (250 ml)

Art. No.50 ml VA3 15-73  
250 ml VA4 15-73

#### 15-18

Colour	Red
Gasket Type	Liquid
Flange Type	Rigid
Hardening System	Anaerobic
Sealing Properties	Excellent
Cured Strength	Medium
Oil, Water, Glycol Resistance	Excellent
Gap Filling Width	Thru 0.50 mm
Final Strength	24 h
Tensile Strength	4 – 12 N/sq. mm
Viscosity mPa·s	
Spindle RPM 0.5	800000 – 1000000
Spindle RPM 5	200000 – 300000
Density	1.1 g/ml
Temperature Range	-55°C to +150°C
Unit Sizes	50/250 ml
Units/Carton	6 Bellows (50 ml) 10 Tubes (250 ml)

Art. No.50 ml VA3 15-18  
250 ml VA4 15-18

# ANAEROBIC ADHESIVES

## SURFACE GASKETING

### VARYBOND® 15-74 Surface Gasketing medium strength

Rapid-hardening, general-purpose surface gasketing compound for flanges and surfaces, especially suitable for application on inactive metals. Semi-flexible. Higher viscosity provides improved gap filling properties. The product's low adhesive strength ensures easy parts removal. Quick and easy application by means of paint roller or screen printing. The gasket film withstands a ductile yield before breakage in excess of 100%.

### VARYBOND® 15-10 Surface Gasketing high strength

Suitable as an alternative to solid gasket materials in flange connections and transmission housings. The product excels through its high resistance to water, gas, oil, LPG, and a host of technical chemicals. Provides dependable high-temperature sealing properties, plus extra-high impact and vibration resistance.

## ASSEMBLY CEMENTS

### VARYBOND® 16-41 Assembly Cement medium strength

General-purpose adhesive for fixing bushed bearings and shaft-mounted gears. Replaces mechanical securing elements such as feather keys or wedges.

### VARYBOND® 16-03 Assembly Cement high strength

Particularly suitable for fixing shafts, bearings, sleeves and gears in as-supplied condition, i.e., without requiring prior cleaning. Also installs ball bearings and oil-impregnated bronze bushings. Excellent hardening properties even at lower temperatures and on passive metal surfaces.



#### 15-74

Colour	Orange
Sealant Type	Liquid
Flange Joint Type	Rigid / flexible
Hardening System	Anaerobic
Sealing Properties	Excellent
Cured Strength	Medium
Oil, Water, Glycol Resistance	Excellent
Gap Filling Width	Thru 0.50 mm
Final Strength	24 h
Tensile Strength	8 – 10 N/sq. mm
Viscosity mPa·s	
Spindle RPM 6/2.5	80000 – 120000
Spindle RPM 6/20	30000 – 40000
Density	1.05 g/ml
Temperature Range	-55°C to +150°C
Unit Sizes	50/250 ml
Units/Cartron	6 Bellows (50 ml) 10 Tubes (250 ml)

Art. No. 50 ml VA3 15-74  
250 ml VA4 15-74

#### 15-10

Colour	Red
Sealant Type	Liquid
Flange Joint Type	Rigid
Hardening System	Anaerobic
Sealing Properties	Excellent
Cured Strength	High
Oil, Water, Glycol Resistance	Excellent
Gap Filling Width	Thru 0.50 mm
Final Strength	24 h
Tensile Strength	6 – 8 N/sq. mm
Viscosity mPa·s	
Spindle RPM 7/0.5	300000 – 1000000
Spindle RPM 7/5	200000 – 300000
Density	1.05 g/ml
Temperature Range	-55°C to +200°C
Unit Sizes	50/250 ml
Units/Cartron	6 Bellows(50 ml) 10 Tubes

Art. No. 50 ml VA3 15-10  
250 ml VA4 15-10

#### 16-41

Colour	Yellow
Cured Strength	Medium
Hardening System	Anaerobic
Thread Size	Thru M12
Final Strength	24 h
Gap Width	0.15 mm
Breakaway Torque	n/a
Viscosity mPa·s	
Spindle RPM 1/20	500 – 600
Density	1.07 g/ml
Temperature Range	-55°C to +150°C
Unit Sizes	50/250 ml
Units/Cartron	10 Bottles (50 ml) 10 Bottles (250 ml)

Art. No. 50 ml VA3 16-41  
250 ml VA4 16-41

#### 16-03

Colour	Green
Cured Strength	High
Hardening System	Anaerobic
Thread Size	Thru M12
Final Strength	24 h
Gap Width	0.15 mm
Breakaway Torque	n/a
Viscosity mPa·s	
Spindle RPM 1/20	100 – 150
Density	1.07 g/ml
Temperature Range	-55°C to +150°C
Unit Sizes	50/250 ml
Units/Cartron	10 Bottles (50 ml) 10 Bottles (250 ml)

Art. No. 50 ml VA3 16-03  
250 ml VA4 16-03

**VARYBOND® 16-38  
Assembly Cement  
high strength**

Quick-hardening and suitable for highest static shearing stresses as well as dynamic loads. For all-round applications in fixing gears and belt pulleys on shafts and armatures on electric motor spindles.

**VARYBOND® 16-40  
Assembly Cement  
high strength**

Slow-hardening anaerobic adhesive providing excellent thermal resistance. Particularly suitable for retaining cylindrical components in press fit or shrink fit installations.

**VARYBOND® 16-20  
Assembly Cement  
high strength,  
heat resistant**

Extremely resistant against elevated temperatures. This product provides high-strength fixation and retention of cylindrical parts in close sliding fit installations.

**VARYBOND® 16-48  
Assembly Cement  
high strength,  
heat resistant**

Quick-hardening, high-strength product for the assembly of cylindrical parts, including cylinder liners in engine blocks. Features excellent thermal resistance, and high resistance to acids and alkaline (caustic) solutions. Excellent adhesion properties on smooth surfaces. Conforms to DIN EN 751-1 (DVGW).



16-38	
Colour	Green
Cured Strength	High
Hardening System	Anaerobic
Thread Size	Thru M36
Final Strength	24 h
Gap Width	0.2 mm
Breakaway Torque	> 40 Nm
Viscosity mPa·s	
Spindle RPM 3/20	2000 – 3000
Density	1.1 g/ml
Temperature Range	-55°C to +150°C
Unit Sizes	50/250 ml
Units/Carton	10 Bottles (50 ml) 10 Bottles (250 ml)
<b>Art. No.50 ml</b>	<b>VA3 16-38</b>
<b>250 ml</b>	<b>VA4 16-38</b>

16-40	
Colour	Green
Cured Strength	High
Hardening System	Anaerobic
Thread Size	Thru M20
Final Strength	24 h
Gap Width	0.15 mm
Breakaway Torque	> 25 Nm
Viscosity mPa·s	
Spindle RPM 2/20	400 – 600
Density	1.1 g/ml
Temperature Range	-55°C to +175°C
Unit Sizes	50/250 ml
Units/Carton	10 Bottles (50 ml) 10 Bottles (250 ml)
<b>Art. No.50 ml</b>	<b>VA3 16-40</b>
<b>250 ml</b>	<b>VA4 16-40</b>

16-20	
Colour	Green
Cured Strength	High
Hardening System	Anaerobic
Thread Size	Thru M36
Final Strength	24 h
Gap Width	0.20 mm
Breakaway Torque	> 25 Nm
Viscosity mPa·s	
Spindle RPM 4/20	8000 – 12000
Density	1.1 g/ml
Temperature Range	-55°C to +200°C
Unit Sizes	50/250 ml
Units/Carton	10 Bottles (50 ml) 10 Bottles (250 ml)
<b>Art. No.50 ml</b>	<b>VA3 16-20</b>
<b>250 ml</b>	<b>VA4 16-20</b>

16-48	
Colour	Green
Cured Strength	High
Hardening System	Anaerobic
Thread Size	Thru M20
Final Strength	24 h
Gap Width	0.15 mm
Breakaway Torque	> 30 Nm
Viscosity mPa·s	
Spindle RPM 2/20	400 – 600
Density	1.1 g/ml
Temperature Range	-55°C to +175°C
Unit Sizes	50/250 ml
Units/Carton	10 Bottles (50 ml) 10 Bottles (250 ml)
<b>Art. No.50 ml</b>	<b>VA3 16-48</b>
<b>250 ml</b>	<b>VA4 16-48</b>

# CYANOACRYLATE ADHESIVES

## ELASTOMER

### VARYBOND® 14-06 Elastomer Adhesive

Standard product type for quick and easy adhesion of all common types of elastomers (from solid rubber to closed-cell sponge), and particularly styrene-butadiene rubber (SBR) and ethylen-propylen-elastomer (EPDM). High resistance to ageing and effects of climate. When used with Primer L, it handles even difficult-to-adhere plastics with ease.



#### 14-06

Temperature Range	-30°C to +80°C
Final Strength	
Alu to Alu	20 – 30 s
SBR to SBR	2 – 4 s
Polycarb. to Polycarb.	3 – 6 s
EPDM to EPDM	1 – 3 s
Viscosity mPa·s	15 – 30
Density	1.05 g/ml
Colour	Transparent
Formulated For	Plastics
Unit Sizes	20/50/500 g
Units/Carton	12 Bottles (20 g) 10 Bottles (50 g) 4 Bottles (500 g)

Art. No.	20 g	VC3 14-06
	50 g	VC4 14-06
	500 g	VC5 14-06

## PLASTIC

### VARYBOND® 14-15 Plastic Adhesive

Excellent adhesive properties when mating materials with different expansion coefficients. Product viscosity makes it ideal for working with porous materials. Also used on leather, cork, wood, etc.

#### 14-15

Temperature Range	-30°C to +80°C
Final Strength	
Alu to Alu	50 – 70 s
SBR to SBR	5 – 8 s
Polycarb. to Polycarb.	8 – 12 s
EPDM to EPDM	5 – 8 s
Viscosity mPa·s	1000 – 1300
Density	1.08 g/ml
Colour	Transparent
Formulated For	Metal/Plastics
Unit Sizes	20/50/500 g
Units/Carton	12 Bottles (20 g) 10 Bottles (50 g) 4 Bottles (500 g)

Art. No.	20 g	VC3 14-15
	50 g	VC4 14-15
	500 g	VC5 14-15

### VARYBOND® 14-38 Plastic Adhesive

Quick-hardening cyanoacrylate adhesive. Broadband product properties make it suitable for a wide range of applications, especially when a variety of dissimilar plastics need to be joined.



#### 14-38

Temperature Range	-30°C to +80°C
Final Strength	
Alu to Alu	30 – 40 s
SBR to SBR	2 – 4 s
Polycarb. to Polycarb.	3 – 5 s
EPDM to EPDM	1 – 3 s
Viscosity mPa·s	20 – 40
Density	1.06 g/ml
Colour	Transparent
Formulated For	Plastics
Unit Sizes	20/50/500 g
Units/Carton	12 Bottles (20 g) 10 Bottles (50 g) 4 Bottles (500 g)

Art. No.	20 g	VC3 14-38
	50 g	VC4 14-38
	500 g	VC5 14-38

### VARYBOND® 14-93 Plastic Adhesive

Extremely rapid-hardening adhesive with capillary properties. Especially suited to wicking applications on microscopic gaps and micrometering. Primary application on plastics. The product excels through outstanding wetting properties and above-average climatic resistance.

#### 14-93

Temperature Range	-30°C to +80°C
Final Strength	
Alu to Alu	20 – 35 s
SBR to SBR	3 – 6 s
Polycarb. to Polycarb.	8 – 10 s
EPDM to EPDM	4 – 8 s
Viscosity mPa·s	3 – 10
Density	1.06 g/ml
Colour	Transparent
Formulated For	Plastics
Unit Sizes	20/50/500 g
Units/Carton	12 Bottles (20 g) 10 Bottles (50 g) 4 Bottles (500 g)

Art. No.	20 g	VC3 14-93
	50 g	VC4 14-93
	500 g	VC5 14-93

## METAL

### VARYBOND® 14-205 Plastic Adhesive

Excellent adhesive for joining materials with different expansion coefficients. Product viscosity makes it ideal for application on porous materials.



#### 14-205

Temperature Range	-30°C to +80°C	
Final Strength		
Alu to Alu	50	– 70 s
SBR to SBR	5	– 8 s
Polycarb. to Polycarb.	8	– 12 s
EPDM to EPDM	5	– 8 s
Viscosity mPa·s	1000 – 1300	
Density	1.08 g/ml	
Colour	Transparent	
Formulated For	Elastomer/ Plastics	
Unit Sizes	20/50/500 g	
Units/Carton	12 Bottles (20 g) 10 Bottles (50 g) 4 Bottles (500 g)	
<b>Art. No.</b>	<b>20 g</b>	<b>VC3 14-205</b>
	<b>50 g</b>	<b>VC4 14-205</b>
	<b>500 g</b>	<b>VC5 14-205</b>

### VARYBOND® 14-31 Metal Adhesive

Express-hardening, low-viscosity adhesive bonds in seconds, combining strongest joints and shortest hardening time. The product is ideal for bonding smooth metal parts to similar counterparts, and also handles preassembled or assembled parts. Also used as an instant thread locking compound and to keep screws in place in the presence of strong vibration.

#### 14-31

Temperature Range	-50°C to +80°C	
Final Strength		
Metal to Metal	< 20	s
Plastic to Plastic	< 5	s
Viscosity mPa·s	1 – 5	
Density	1.06 g/ml	
Colour	Transparent	
Formulated For	Metal/Plastics	
Unit Sizes	20/50/500 g	
Units/Carton	12 Bottles (20 g) 10 Bottles (50 g) 4 Bottles (500 g)	
<b>Art. No.</b>	<b>20 g</b>	<b>VC3 14-31</b>
	<b>50 g</b>	<b>VC4 14-31</b>
	<b>500 g</b>	<b>VC5 14-31</b>

### VARYBOND® 14-33 Metal Adhesive

Standard medium-viscosity product. Attains highest strength of purely metal-to-metal bonds and sintered metals. The product's great flexibility range enables it to withstand higher shearing stresses, temperature fluctuations and vibration rates.

#### 14-33

Temperature Range	-55°C to +105°C	
Final Strength		
Alu to Alu	30	– 40 s
Viscosity mPa·s	450 – 650	
Density	1.04 g/ml	
Colour	Transparent	
Formulated For	Metal/Metal	
Unit Sizes	20/50/500 g	
Units/Carton	12 Bottles (20 g) 10 Bottles (50 g) 4 Bottles (500 g)	
<b>Art. No.</b>	<b>20 g</b>	<b>VC3 14-33</b>
	<b>50 g</b>	<b>VC4 14-33</b>
	<b>500 g</b>	<b>VC5 14-33</b>

### VARYBOND® 14-204 Metal Adhesive

Slow-hardening adhesive with high shearing resistance and excellent impact resistance. Its high flexibility makes the product a must for purely metal-to-metal bonds that need to withstand high dynamic loads.

#### 14-204

Temperature Range	-30°C to +120°C	
Final Strength		
Alu to Alu	80	– 100 s
Polycarb. to Polycarb.	25	– 35 s
Viscosity mPa·s	2500 – 3500	
Density	1.05 g/ml	
Colour	Transparent	
Formulated For	Metal/Metal	
Unit Sizes	20/50/500 g	
Units/Carton	12 Bottles (20 g) 10 Bottles (50 g) 4 Bottles (500 g)	
<b>Art. No.</b>	<b>20 g</b>	<b>VC3 14-204</b>
	<b>50 g</b>	<b>VC4 14-204</b>
	<b>500 g</b>	<b>VC5 14-204</b>

# CYANOACRYLATE ADHESIVES

## GENERAL-PURPOSE

### VARYBOND® 14-01

General-Purpose Adhesive: General-purpose, medium-viscosity adhesive for a broad range of applications, including all types of materials pairings, such as metals, plastic, paper, leather and wood.



#### 14-01

Temperature Range	-30°C bis +80°C	
Final Strength		
Alu to Alu	40 - 60 s	
SBR to SBR	2 - 4 s	
Polycarb. to Polycarb.	8 - 12 s	
EPDM to EPDM	4 - 8 s	
Viscosity mPa·s	80 - 110	
Density	1,06 g/cm <sup>3</sup>	
Colour	Transparent	
Formulated For	Universell	
Unit Sizes	20/50/500 g	
Units/Carton	12 Bottles (20 g)	
	10 Bottle (50 g)	
	4 Bottles (500 g)	

<b>Art. No. 20 g</b>	<b>VC3 14-01</b>
<b>50 g</b>	<b>VC4 14-01</b>
<b>500 g</b>	<b>VC5 14-01</b>

### VARYBOND® 14-35 General-Purpose Adhesive

Particularly well suited to porous materials and rough and uneven surfaces. Excellent gap filling properties. For bonding ceramics, ferrites, sintered metals, wood, cork, leather, textiles, etc.



#### 14-35

Temperature Range	-30°C to +80°C	
Final Strength		
Alu to Alu	50 - 70 s	
SBR to SBR	7 - 10 s	
Polycarb. to Polycarb.	15 - 22 s	
EPDM to EPDM	8 - 12 s	
Viscosity mPa·s	1800 - 2200	
Density	1.09 g/ml	
Colour	Transparent	
Formulated For	Porous materials, rough surfaces	
Unit Sizes	20/50/500 g	
Units/Carton	12 Bottles (20 g)	
	10 Bottles (50 g)	
	4 Bottles (500 g)	

<b>Art. No. 20 g</b>	<b>VC3 14-35</b>
<b>50 g</b>	<b>VC4 14-35</b>
<b>500 g</b>	<b>VC5 14-35</b>

### VARYBOND® 14-96 General-Purpose Adhesive

General-purpose, medium-viscosity adhesive for a broad range of applications, including all types of materials pairings.



#### 14-96

Temperature Range	-30°C to +80°C	
Final Strength		
Alu to Alu	40 - 60 s	
SBR to SBR	2 - 4 s	
Polycarb. to Polycarb.	8 - 12 s	
EPDM to EPDM	4 - 8 s	
Viscosity mPa·s	80 - 110	
Density	1.06 g/ml	
Colour	Transparent	
Formulated For	General-purp. use	
Units/Carton	16 Bottles (5 g)	
	12 Bottles (20 g)	
	10 Bottles (50 g)	
	4 Bottles (500 g)	

<b>Art. No. 5 g</b>	<b>VC05 14-96</b>
<b>20 g</b>	<b>VC3 14-96</b>
<b>50 g</b>	<b>VC4 14-96</b>
<b>500 g</b>	<b>VC5 14-96</b>

### VARYBOND® 14-54 GEL General Purpose with a high viscosity

Excellent gap filling. Perfect to use overhead. For bonding ceramics, ferrites, metals, plastic, wood, cork, leather.



#### 14-54 GEL

Temperature Range	-30°C to +78°C	
Final Strength		
Alu to Alu	90 - 110 s	
SBR to SBR	18 - 24 s	
Polycarb. to Polycarb.	22 - 25 s	
Viscosity gel,	thixotroph	
Density	1,08 g/cm <sup>3</sup>	
Colour	transparent	
Unit Size	20g	
Units/Carton	12 tubs	

<b>Art. No. 20g</b>	<b>VC03 14-54</b>
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## ODOURLESS

### VARYBOND® 14-60 Odourless Adhesive

Odourless, non-blooming cyanoacrylate adhesive. For all applications in which an adhesive may not leave visible traces.



#### 14-60

Temperature Range	-30°C to +100°C
Final Strength	
Alu to Alu	90 – 110 s
SBR to SBR	7 – 11 s
Polycarb. to Polycarb.	25 – 35 s
EPDM to EPDM	5 – 8 s
Viscosity mPa.s	50 – 90
Density	1.07 g/ml
Colour	Transparent
Formulated For	Plastic/Plastic
Unit Sizes	20/50/500 g
Units/Carton	12 Bottles (20 g) 10 Bottles (50 g) 4 Bottles (500 g)

<b>Art. No.</b>	<b>20 g</b>	<b>VC3 14-60</b>
	<b>50 g</b>	<b>VC4 14-60</b>
	<b>500 g</b>	<b>VC5 14-60</b>

## BLACK

### VARYBOND® 14-80 Black Adhesive

Black cyanoacrylate adhesive, which has been developed for all applications under thermal and/ or climatic conditions. The product shows excellent resistance against dynamic loads like impacts or vibrations. Due to its short-term temperature resistance up to +140°C, it is also suitable for SMD technique, where later soldering bath is requested. The black colour allows the use in loudspeaker applications, too.

#### 14-80

Temperature Range	-30°C to +120°C
Final Strength	
Alu to Alu	25 – 45 s
SBR to SBR	10 – 15 s
EPDM to EPDM	14 – 20 s
Viscosity mPa.s	100 – 200
Density	1.06 g/ml
Colour	Black
Formulated For	Metal/Plastics
Unit Sizes	50/500 g
Units/Carton	10 Bottles (50 g) 4 Bottles (500 g)

<b>Art. No.</b>	<b>50 g</b>	<b>VC4 14-80</b>
	<b>500 g</b>	<b>VC5 14-80</b>

## SPECIAL APPLICATION

### VARYBOND® 14-98 Special Purpose Adhesive

Relatively high-viscosity, modified cyanoacrylate adhesive characterized by improved impact resistance, along with excellent resistance to shearing stresses and temperature changes. The product delivers highest bonding strength on metals, ferrites, ceramics and most plastics. It is used especially in situations where alternating stresses occur or drop tests must be passed. Perfect for plastics with less-than-ideal bonding characteristics and plastic-to-metal applications.



#### 14-98

Temperature Range	-55°C to +105°C
Final Strength	
Alu to Alu	20 – 40 s
SBR to SBR	10 – 15 s
EPDM to EPDM	14 – 20 s
Viscosity mPa.s	500 – 700
Density	1.04 g/ml
Colour	Transparent
Formulated For	Plastics/Metals, Ferro magnets
Unit Sizes	20/50/500 g
Units/Carton	12 Bottles (20 g) 10 Bottle (50 g) 4 Bottles (500 g)

<b>Art. No.</b>	<b>20 g</b>	<b>VC3 14-98</b>
	<b>50 g</b>	<b>VC4 14-98</b>
	<b>500 g</b>	<b>VC5 14-98</b>



# STRUCTURAL BONDING



## STRUCTURAL BONDING – RIGID

### VARYBOND® 1-Minute Epoxy Gel

Lightning-fast hardening adhesive gel for filling gaps, cracks, and holes. Produces a solid bond within one minute. Drip-free application on vertical surfaces or when working overhead. Ideal for repairs on furniture parts, jewellery, china, model-building components of metal, glass or ceramic. Super-fast acting thixotropic all-purpose adhesive.

### VARYBOND® 5-Minute Epoxy

Quick-hardening product for standard bonding and retaining applications. Rapidly produces rigid and permanent joints between substrates such as metals, glass, ceramics, concrete and wood, within 5 minutes or less. Particularly suited to quick metal-to-metal connections, with excellent bonding even on dissimilar material pairs. Also ideal for sealing and encapsulation of electronic components.

### VARYBOND® 2-Ton Epoxy

Extreme-strength, water resistant adhesive product. Produces rigid connections on metal, ceramics, wood, concrete, glass, and any combination of these materials. Fills surfaces with otherwise poor bonding characteristics and hardens without shrinking. Excellent impact resistance. Particularly suitable for glass-clear joints featuring high vibration and water resistance. Provides moisture-resistant encapsulation for electronic components.

### VARYBOND® Epoxy-Plus

Rubber-filled structural adhesive with above-average resistance to peeling, impact and wear. Bonds metals, compound materials, rigid plastics, concrete, glass and wood. 25-minute working window. This rubber-filled adhesive is particularly resistant to flaking, and features high impact and fatigue resistance. Especially suited to bonding applications on thermoplastics, duroplastics, metals, compound materials and ceramics.

#### 1-Minute Epoxy Gel

Colour	Transparent
Temperature Range	-40°C to 93°C
Hardening System	Two-component
Tack-free To Touch	4 min.
Consistency	Thixotropic
Unit Sizes	50 ml
Units/Cartron	12 Cartridges

Art. No.50 ml 500121VAR

#### 5-Minute Epoxy

Colour	Transparent
Temperature Range	-40°C to 93°C
Hardening System	Two-component
Tack-free To Touch	45 min.
Consistency	Medium viscosity
Unit Sizes	25/50 ml
Units/Cartron	20 Twin barrel syringes (25 ml) 12 Cartridges (50 ml)

Art. No.25 ml 501117VAR  
50 ml 502121VAR

#### 2-Ton Epoxy

Colour	Transparent
Temperature Range	-40°C to 93°C
Hardening System	Two-component
Tack-free To Touch	2 h
Consistency	Medium viscosity
Unit Sizes	50 ml
Units/Cartron	12 Cartridges

Art. No.50 ml 503121VAR

#### Epoxy-Plus

Colour	Grey
Temperature Range	-40°C to 93°C
Hardening System	Two-component
Tack-free To Touch	4 – 5 h
Consistency	Highly viscous
Unit Sizes	50 ml
Units/Cartron	12 Cartridges

Art. No.50 ml 504121VAR



## STRUCTURAL BONDING – FLEXIBLE

### VARYBOND® 530 Quick White Weld

Especially suited to bonding parts made of thermoplastics or various pairs of similar materials. Can be used for a range of applications, including on concrete and ceramics. For applications on aluminium and stainless steel, VARYBOND® Metal Prep 90 is recommended as a primer.

### VARYBOND® 531 White Weld

Excellent suitability for joining hard-to-bond plastics, such as nylon, epoxy resins and modified polyesters. Can also be used on concrete and ceramics. For applications on aluminium and stainless steel, VARYBOND® Metal Prep 90 is recommended as a primer.

### Cartridge Gun

For adhesives which are supplied in two part, side-by-side syringe cartridges and push the adhesive through a static mixing nozzle. The lightweight portability and durable construction of the manual guns make them well suited for many assembly operations in various markets such as aerospace, electronics, construction and automotive.

## PREPARATION

### VARYBOND® Activator

The Varybond Activator is to be used wherever inconvenient conditions of hardening are found. It favours and accelerates or makes total bonding in these cases possible.



#### 530

Colour	White
Temperature Range	-55°C to 120°C
Gap Width	Thru 4 mm
Hardening System	Two-component
Tack-free To Touch	12 – 15 min.
Stays Workable For	4 – 6 min.
Consistency	Highly viscous
Unit Sizes	50 ml
Units/Cartron	10 Cartridges

Art. No.50 ml 506122VAR

#### 531

Colour	White
Temperature Range	-55°C to 120°C
Gap Width	Thru 4 mm
Hardening System	Two-component
Tack-free To Touch	30 – 35 min.
Stays Workable For	15 – 18 min.
Consistency	Highly viscous
Unit Sizes	50 ml
Units/Cartron	10 Cartridges

Art. No.50 ml 505122VAR

#### Cartridge Gun

Color	Grey/Black
Material	Plastic
Mixer jet	Optional
Unit	One piece
Abel	For 50 ml Twin Cartridge

Art. No. 520000VAR

#### Activator

Description	Activator
Color	clear
Time of evaporation	short
Unit sizes	150 ml
Units/Cartron	12 Spray cans

Art. No.150 ml 509221VAR

# STRUCTURAL BONDING

# METAL-FILLED EPOXY RESINS

## VARYBOND® Primer F Activator for Anaerobic Adhesives

Improves hardening properties when using anaerobic adhesives on galvanized and passivated surfaces. Intensifies the hardening process at low ambient temperatures.



### Primer F

Description	Primer F
Colour	Turquoise
Air Dry Time	Short
Unit Sizes	100 ml
Units/Carton	20 Pump sprays

Art. No. 100 ml 507133VAR

## VARYBOND® Primer L Activator for Cyanoacrylate Adhesives

Applicable in situations where plastics with less than ideal bonding properties, e.g., polypropylene, PTFE, and thermoplastic elastomers, must be joined.



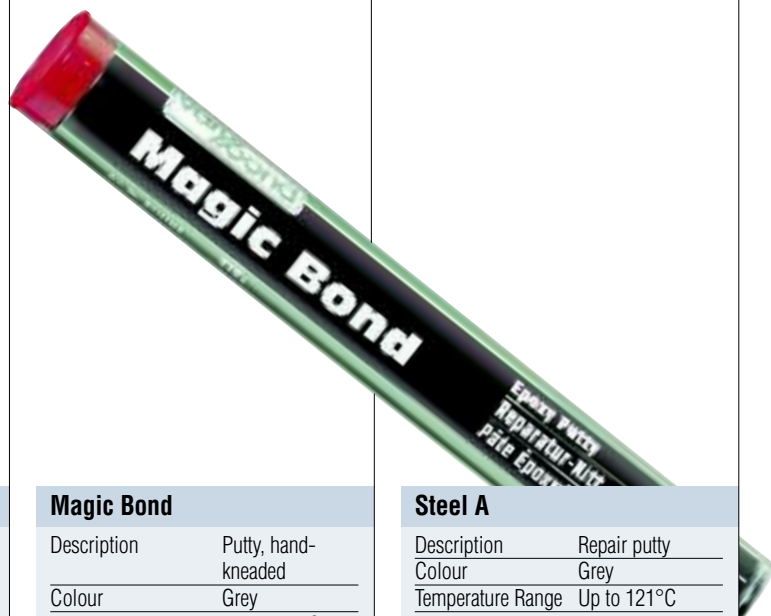
### Primer L

Description	Primer L
Colour	Colourless
Air Dry Time	None
Unit Sizes	30 ml
Units/Carton	12 Spray cans

Art. No. 30 ml 509111VAR

## VARYBOND® Magic Bond Putty

Manually kneaded two-component product; ready-for-use consistency ensures handling ease. Also bonds on wet surfaces (even under water). Used to plug holes and repair leaks on porous sections of casting moulds. Repaired parts are again ready for machining or deployment within an hour.



### Magic Bond

Description	Putty, hand-kneaded
Colour	Grey
Temperature Range	Up to 121°C
Mixing Ratio	Inherent in product
Stays Workable For	20 min.
Hardening Time	24 h
Unit Sizes	114 g
Units/Carton	12 Bars

Art. No. 511131VAR

## VARYBOND® Steel A Repair Putty

Epoxy resin with high metal content, for economical maintenance and service procedures. Repairs hairline cracks and breaks on machinery parts, casting moulds, etc. May be milled, drilled, etc. and painted when cured. Ensures cost-efficient and dependable repairs and makes welding unnecessary. Bonds most metals and plastics in any combination.

### Steel A

Description	Repair putty
Colour	Grey
Temperature Range	Up to 121°C
Mixing Ratio	9:1
Stays Workable For	45 min.
Hardening Time	16 h
Unit Sizes	500 g
Units/Carton	10 Packages

Art. No. 500 g 510172VAR

## VARYBOND® Stainless Steel ST

Stainless steel-filled epoxy putty for repair and rebuilding work on stainless steel. Fills out, repairs and reconditions stainless-steel machine parts if welding is not an option. Reconditions drive shafts, containers and sheet steel components.

## VARYBOND® Aluminium Liquid F2

The product seals hollows and voids, and fills out depressions. For taking copies of castings and making moulds, as well as cosmetic repairs on cast pieces. Can be machined when fully cured.

## VARYBOND® Aluminium F

General-purpose product for repairs on aluminium parts. Also suitable for use as a coating medium.

## VARYBOND® Titanium

High-performance, titanium-based product, particularly suited to high-precision repair and maintenance work on critical workpieces subjected to high pressure loads. Ideal for repairs and protection of surfaces exposed to high cavitation, erosion and corrosion stresses. Can be used on all metals. The product is highly resistant to pressure and chemicals.



### Stainless Steel ST

Description	Repair putty
Colour	Grey
Temperature Range	Up to 121°C
Mixing Ratio	11:1
Stays Workable For	45 min.
Hardening Time	16 h
Unit Sizes	500 g
Units/Carton	10 Packages

Art. No. 500 g 512172VAR

### Aluminium Liquid F2

Description	Liquid aluminium
Colour	Aluminium
Temperature Range	Up to 121°C
Mixing Ratio	9:1
Stays Workable For	75 min.
Hardening Time	16 h
Unit Sizes	500 g
Units/Carton	10 Packages

Art. No. 500 g 513172VAR

### Aluminium F

Description	Repair putty
Colour	Aluminium
Temperature Range	Up to 121°C
Mixing Ratio	9:1
Stays Workable For	60 min.
Hardening Time	16 h
Unit Sizes	500 g
Units/Carton	10 Packages

Art. No. 500 g 514172VAR

### Titanium

Description	Repair putty
Colour	Grey
Temperature Range	Up to 177°C
Mixing Ratio	4,3:1
Stays Workable For	21 min.
Hardening Time	4 h
Unit Sizes	500 g
Units/Carton	10 Packages

Art. No. 500 g 515172VAR

# NDT – NON-DESTRUCTIVE MATERIALS TESTING

## VARYBOND® NDT 1 Special-Purpose Cleaner

Highly effective cleaner and penetrant remover for fast, non-destructive testing of surfaces, e.g. welded surfaces, castings/forgings and fabrications.

## VARYBOND® NDT 2 Red Penetrant

Red dye penetrant for fast, non-destructive testing of surfaces, e.g. welded surfaces, castings/forgings and fabrications.

## VARYBOND® NDT 3 White Developer

Quick drying developer for fast, non-destructive testing of surfaces, e.g. welded surfaces, castings/forgings and fabrications.

## VARYBOND® VB 27 Dark Zinc-Spray

High zinc content provides particularly thorough corrosion protection. Suitable for application on all ferrous-metal parts. Outstanding primer coat for all types of enamels and paints.



### NDT 1

Description	Aerosol spray
Product Base	Solvent
Colour	Clear
Unit Sizes	500 ml
Units/Carton	12 Spray cans

Art. No. 500 ml 196171VAR

### NDT 2

Description	Aerosol spray
Product Base	Solvent, colorant, wetting agent
Colour	Red
Unit Sizes	500 ml
Units/Carton	12 Spray cans

Art. No. 500 ml 197171VAR

### NDT 3

Description	Aerosol spray
Product Base	Solvent, white pigmentation
Colour	White
Unit Sizes	500 ml
Units/Carton	12 Spray cans

Art. No. 500 ml 198171VAR

### VB 27

Description	Aerosol spray
Colour	Grey, matte
Pigments	Zinc
Temperature Range	Up to 450°C
Tack-free To Touch	After 15-20 min.
Salt Spray Test	600 – 800 h
Unit Sizes	400 ml
Units/Carton	12 Spray cans

Art. No. 400 ml 127161VAR

# CORROSION PROTECTION, COATINGS AND OILS

## VARYBOND® VB 83 Bright Zinc-Spray

Excellent galvanized-quality corrosion protection wherever a bright, silvery colour is desired. Particularly suited to ferrous parts in construction, on vehicles, and for repairs of damaged hot-dipped parts.



## VARYBOND® VB 84 Aluminium-Spray

General-purpose coating for all metallic materials. Ideal for application on automotive exhaust systems, heating radiators, machine parts, etc.

## VARYBOND® VB 63 Rust Protection -temporary-

For application also on moist surfaces. Reliably protects all types of metals and alloys. Transparent corrosion protection, excellent flow properties and surface adhesion, low surface tension. Particularly suitable for protecting semi-finished products, spare parts, gears, ball bearings, shafts, etc. Meets: MIL Specs C-81309E, C-372C, A-A-50493.

## VARYBOND® VB 86 Rust Protection -longterm-

Provides heavy-duty corrosion protection. Multiple coats for particularly long-lasting effectiveness. Can be used on all metal parts, gives outstanding protection for marine transport and salt-bearing environments.



VB 83	
Description	Aerosol spray
Colour	Silver, glossy
Pigments	Aluminium/Zinc
Temperature Range	Up to 350°C
Tack-free To Touch	After 15-20 min.
Salt Spray Test	2000 h
Unit Sizes	400 ml
Units/Carton	12 Spray cans
<b>Art. No.400 ml</b>	<b>183161VAR</b>

VB 84	
Description	Aerosol spray
Colour	Silver, glossy
Pigments	Aluminium
Temperature Range	Up to 700°C
Tack-free To Touch	After 15-20 min.
Salt Spray Test	800 h
Unit Sizes	400 ml
Units/Carton	12 Spray cans
<b>Art. No.400 ml</b>	<b>184161VAR</b>

VB 63	
Description	Aerosol spray
Colour	Blue-green
Product Base	Mineral oil
Indoor Protection	Up to 1 year
Unit Sizes	400 ml
Units/Carton	12 Spray cans
<b>Art. No.400 ml</b>	<b>163161VAR</b>

VB 86	
Description	Aerosol spray
Colour	Amber/Transp.
Product Base	Mineral oil
Tack-free To Touch	After 3-4 hours
Indoor Protection	Up to 3 years
Unit Sizes	400 ml
Units/Carton	12 Spray cans
<b>Art. No.400 ml</b>	<b>186161VAR</b>

# TAPPING FLUID

## VARYBOND® Tap Free Fluid

Special-purpose lubricant for tapping, thread cutting, drilling, milling and lathe work. Works with all metals except aluminium. Water-based emulsion improves finished workpiece appearance and extends tool service life.



### Tap Free

Description	Emulsion
Colour	White
Temperature Range	n/a
Unit Sizes	250 ml
Units/Cartron	1 Can

Art. No.250 ml 194150VAR

# CLEANERS AND DEGREASERS

## VARYBOND® VB 02 Brake & Assembly Cleaner

Ideal for surface preparation of bonding or sealing surfaces. Particularly suitable for quick removal of oil, contaminants and brake dust from disk brakes and brake components such as brake blocks, rotors, anchor plates and brake shoes. The product is also preferred as a conditioner for surfaces to be painted or bonded. Due to rapid evaporation, short-term exposure will not irritate skin affect rubber parts or brake seals.



### VB 02

Description	Aerosol spray
Colour	Colourless
Evaporation	Rapid
Residues	None
Unit Sizes	500 ml
Units/Cartron	12 Spray cans

Art. No.500 ml<sup>1)</sup> 188171VAR

## VARYBOND® VB 05 Electronic Cleaner

Equally at home in electrical and electronic applications. Ideal spray cleaner for contacts, equipment and components. Particularly suitable for use on switches, electric motors, relays, contactors and housings. Highly effective solvent concentrate ensure the safe removal of soiling and grease accumulations. Evaporates without leaving residues.

### VB 05

Description	Aerosol spray
Colour	Colourless
Residues	None
Evaporation	Medium-fast
Materials Compat.	Good
Unit Sizes	400 ml
Units/Cartron	12 Spray cans

Art. No.400 ml 105161VAR

## VARYBOND® VB 06 Universal Degreaser

Heavy-duty spray cleaner removes heavy accumulations of greasy deposits of all types. Especially suitable for cleanup prior to re-lubrication on machine screws, bolts, axles, ball bearings, housings, gears and drive chains.



### VB 06

Description	Aerosol spray
Colour	Colourless
Evaporation	Slow
Materials Compat.	Good
Residues	None
Unit Sizes	400 ml
Units/Cartron	12 Spray cans

Art. No.400 ml<sup>1)</sup> 106161VAR

**VARYBOND® VB 32  
Glass Cleaner**

Effective removal of dust, grease, dirt, and nicotine deposits on CRT monitor screens, plastic housings, keyboards and surfaces of all types. Use of product creates antistatic effect that delays new contaminant precipitation. Also safe for use on displays and TFT flat-screens.



**VB 32**

Description	Aerosol spray
Colour	Clear liquid, white foam
Foam stability	Excellent
Materials Compat.	Excellent
Unit Sizes	400 ml
Units/Carton	12 Spray cans

**Art. No.400 ml 132161VAR**

**VARYBOND® VB 34  
Label Remover**

Effortless removal of paper labels and adhesives residues. For use on almost all surfaces. Exception: polystyrene.



**VB 34**

Description	Aerosol spray
Colour	Colourless
Scent	Orange
Unit Sizes	400 ml
Units/Carton	12 Spray cans

**Art. No.400 ml<sup>1)</sup> 134161VAR**

**VARYBOND® VB 70  
Gasket Remover**

Lifts baked-on and dried-out gaskets and gasketing compounds within 10–15 minutes. Removes adhesive residues, oil-carbon deposits, resins, tar, gummy lubricant residues from a variety of materials: Metals, wood, ceramics, glass, polyethylene and polypropylene. Not suitable for use of PVC, sensitive plastics, synthetics, linoleum and plastic tiles.

**VB 70**

Description	Aerosol spray
Colour	Colourless
Unit Sizes	400 ml
Units/Carton	12 Spray cans

**Art. No.400 ml 170161VAR**

**VARYBOND® VB 82  
Biodegradable Degreaser**

All-purpose cleaner-degreaser for industry and trade. Used on all areas and components that can be flushed with water. Ideal for cleaning machinery, equipment, engines, vehicles, tools, garage floors, oil separators, fork lifts. The product is biodegradable, solvent-free and non-flammable.

**VB 82**

Description	Pump spray or canister
Colour	Turquoise
Flash Point	None
Unit Sizes	600 ml (working strength), 5 and 20 l (concentrate)
Units/Carton	12 Sprays (600 ml) 4 Canisters (5 l) 1 Canister (25 l)

**Art. No.600 ml 182181VAR**

# SPECIAL-PURPOSE LUBRICANTS

## VARYBOND® VB 12 Silicone-Spray

General-purpose lubricant, especially for use with non-metallic material pairs. Excellent gliding properties for use as a cable gliss during wiring installation. Also used as a release and separating agent in plastics manufacture, and as a non-adhesive electrical insulator.

## VARYBOND® VB 13 Dry-Lubricant -PTFE-

Used in areas where oil and grease-free lubrication is required. Used in electrical engineering as a cable placing lubricant, and as a dry lubricant on electromechanical components. Excellent as a release and separating agent in plastics manufacture. Product base is 100% pure PTFE.

## VARYBOND® VB 16 Multi-Protection Spray

General-purpose formula protects and lubricates in multiple applications from industry to workshop. Suitable for use on all metals and alloys. Displaces water, prevents corrosion and oxidation, dissolves rust and lubricates moving parts. Cleans and stops squeaks, starts wet engines, and ensures long-lasting operational reliability. Particularly useful on precision instruments, tools, knuckles, articulated joints, and in across-the-board automotive applications.

## VARYBOND® VB 71 Penetrating-Oil

Removes rust and protects against future rust formation. Loosens frozen threads on nuts, bolts and shackles. Restores easy movement to knuckles, levers, and all types of articulated joints and linkages.



### VB 12

Description	Aerosol spray
Colour	Colourless
Temperature Range	Up to 200°C
Unit Sizes	400 ml
Units/Carton	12 Spray cans

Art. No. 400 ml 778161VAR

### VB 13

Description	Aerosol spray
Colour	White
Temperature Range	Up to 260°C
Unit Sizes	400 ml
Units/Carton	12 Spray cans

Art. No. 400 ml 113161VAR

### VB 16

Description	Aerosol spray
Colour	Yellowish
Temperature Range	-70°C to 230°C
Unit Sizes	400 ml
Units/Carton	12 Spray cans

Art. No. 400 ml<sup>1)</sup> 116161VAR

### VB 71

Description	Aerosol spray
Colour	Colourless
Temperature Range	Up to 250°C
Unit Sizes	400 ml
Units/Carton	12 Spray cans

Art. No. 400 ml 171161VAR



**VARYBOND® VB 73**  
**PTFE White Lithium**  
**Grease Spray**

Multi-purpose white grease for all applications requiring grease-based lubrication, along with easy and dedicated lubricant placement.

**VARYBOND® VB 89**  
**Grease Spray**

Dependable and permanent lubrication for ball bearings and roller bearings, fast-running chains, chain sprockets, as well as open-gear transmissions and worm gears. Extremely suitable for restoring easy movement to all types of chains and steel cables. The product is biodegradable and salt water-resistant.

**VARYBOND® VB 90**  
**Chain & Cable Spray**  
**-with MoS<sub>2</sub>-**

For permanent and dependable lubrication of all types of chains and steel cables. The highly viscous, high-adhesion lubricating film penetrates into the tightest fits. The product is also ideal for application on ball bearings, roller bearings, open-gear transmissions, worm gears and all types of knuckles and articulated joints.

**VARYBOND® VB 87**  
**Food Quality**  
**Biolube Spray**

This product provides true multipurpose, food-safe lubrication, particularly for dedicated applications in the food, beverage, and pharmaceutical industry. Other typical users are medical clinics, restaurants, and manufacturers of machines and accessories catering to these areas. Complies with FDA 21 CFR, 172.856.



<b>VB 73</b>	
Description	Aerosol spray
Colour	White
Temperature Range	Up to 150°C
Unit Sizes	400 ml
Units/Carton	12 Spray cans
<b>Art. No.400 ml</b>	<b>173161VAR</b>

<b>VB 89</b>	
Description	Aerosol spray
Colour	Colourless
Temperature Range	To approx. 200°C
Unit Sizes	400 ml
Units/Carton	12 Spray cans
<b>Art. No.400 ml</b>	<b>189161VAR</b>

<b>VB 90</b>	
Description	Aerosol spray
Colour	Dark grey
Temperature Range	-20°C to 160°C
Unit Sizes	400 ml
Units/Carton	12 Spray cans
<b>Art. No.400 ml</b>	<b>190161VAR</b>

<b>VB 87</b>	
Description	Aerosol spray
Colour	Colourless
Temperature Range	-20°C to 200°C
Unit Sizes	400 ml
Units/Carton	12 Spray cans
<b>Art. No.400 ml</b>	<b>187161VAR</b>

# SPECIAL-PURPOSE LUBRICANTS

## VARYBOND® VB 76 Beltdressing Spray

Dedicated product with excellent suitability for conditioning all flat, V-profile, or round drive belts. Prevents premature belt failure. Improves traction and extends service life of belt materials including leather, fabric or rubber.

## VARYBOND® VB 67 Leak Detector Spray

Spray-on leak detector for all threaded pipe joints, taps, valves, slide gates, gas bottles and connections. Suitable for all pressurized gases. Non-aggressive on materials. Product is approved by the DVGW (German Technical & Scientific Association for Gas and Water).

## VARYBOND® VB 69 Anti-Spatter Spray

VB 69 is a flammable aerosol without silicone for protecting welding nozzles of automatic and semiautomatic MIG and TIG welders against clinging arc spatter from the welding electrode. Eases the removal of slag and beads from workpieces.

## VARYBOND® VB 92 Spray Adhesive

Especially formulated for large-area bonding of fabrics, sponge rubber or latex foam, leather, cardboard, automotive roof liners and leatherette, sound or thermal insulation (except styrene) and rubber, on bare or painted metal and wood substrates.



### VB 76

Description	Aerosol spray
Colour	Amber
Temperature Range	Up to 200°C
Unit Sizes	400 ml
Units/Carton	12 Spray cans

Art. No.400 ml 176161VAR

### VB 67

Description	Aerosol spray
Colour	Colourless, clear
Temperature Range	n/a
Unit Sizes	400 ml
Units/Carton	12 Spray cans

Art. No.400 ml 167161VAR

### VB 69

Description	Aerosol spray
Colour	Off-white, opaque
Temperature Range	n/a
Unit Sizes	400 ml
Units/Carton	12 Spray cans

Art. No.400 ml 169161VAR

### VB 92

Description	Aerosol spray
Colour	Yellowish
Temperature Range	Up to 80°C
Unit Sizes	400 ml
Units/Carton	12 Spray cans

Art. No.400 ml 192161VAR

# ANTI-SEIZE COMPOUNDS AND LUBRICANTS

## ANTI-SEIZE COMPOUNDS

### NEVER-SEEZ® Regular Grade

Excellent general-purpose lubricant. Anti-seize protection for screws, bolts, springs, cotter pins, valve/pipe connections, pumps and spindles. Ideal on chafing points on brake calipers, blocks, anchor plates, shoes and retainers. Meets: Ford ESE-M12A4-A, Garrett Engine Div. PCS5724, Pratt & Whitney PWA 360523-2, MIL-A-907, DaimlerChrysler A 001 989 94 51, A 001 989 94 51 12, BMW 83 23 9 407 830.



#### Regular Grade

Appearance	Red/silvery paste
Filler	Copper, Aluminium
Particle Size	< 50 µm
Coeff. Of Friction	0.057-0.063
NLGI Consistency	Class 1/2
Temperature Range	-180°C to 1100°C
Unit Sizes <sup>1)</sup>	100/250/500 g, 400 ml Aerosol
Units/Carton	24 Tubes (100 g) 12 Brush tops (250 g) 12 Tins (500 g) 12 Sprays (400 ml)
<b>Art. No.</b>	<b>NSB 4M</b>
<b>100 g</b>	<b>NSBT 8</b>
<b>250 g</b>	<b>NS 160</b>
<b>500 g</b>	<b>NSA 16</b>
<b>400 ml</b>	

### NEVER-SEEZ® Pure Nickel Special

This superior product is recommended for use when applications prohibit the presence of copper. It is therefore especially indicated when one of the mating materials is aluminium-based. Also protects against bimetallic corrosion and provides high resistance to chemicals. Meets: Boeing BAC 5008, Ford ESE-M12A4-A, Garrett Engine Div. PCS5721, GE Aircraft A50TF198 Class A, General Motors 14001899, Pratt & Whitney PWA 36053-1, MIL-A-907, Ford WSD-M13P8-A1.



#### Pure Nickel Special

Appearance	Silvery paste
Filler	Nickel
Particle Size	< 50 µm
Coeff. Of Friction	0.092
NLGI Consistency	Class 1
Temperature Range	-183°C to 1316°C
Unit Sizes <sup>1)</sup>	250/500 g
Units/Carton	12 Brush tops (250 g) 12 Tins (500 g)
<b>Art. No.</b>	<b>NSBT 8N</b>
<b>250 g</b>	<b>NSN 165</b>
<b>500 g</b>	

### NEVER-SEEZ® Pure Nickel Special

This superior product is recommended for use when applications prohibit the presence of copper. It is therefore especially indicated when one of the mating materials is aluminium-based. Also protects against bimetallic corrosion and provides high resistance to chemicals. Meets: Boeing BAC 5008, Ford ESE-M12A4-A, Garrett Engine Div. PCS5721, GE Aircraft A50TF198 Class A, General Motors 14001899, Pratt & Whitney PWA 36053-1, MIL-A-907, Ford WSD-M13P8-A1.



#### Pure Nickel Special

Appearance	Silvery paste
Filler	Nickel
Particle Size	< 50 µm
Coeff. Of Friction	0.092
NLGI Consistency	Class 1
Temperature Range	-183°C to 1316°C
Unit Sizes <sup>1)</sup>	227/454 g
Units/Carton	12 Brush tops (227 g) 12 Tins (454 g)
<b>Art. No.</b>	<b>NSBT 8N</b>
<b>250 g</b>	<b>NSN 165</b>
<b>500 g</b>	

### NEVER-SEEZ® High Temperature Stainless

Filler: stainless steel particles. Particularly suitable for high-temperature applications and those prohibiting the presence of nickel. Used on pipe fittings and flanges in steam and hot-water installations, automotive exhaust systems and pumps. The product is highly resistant to chemicals. Meets: MIL-A-907



#### High Temp. Stainless

Appearance	Silver-grey paste
Filler	Stainless steel
Particle Size	< 50 µm
Coeff. Of Friction	0.08
NLGI Consistency	Class 1
Temperature Range	-180°C to 1310°C
Unit Sizes <sup>1)</sup>	250/500 g 400 ml Aerosol
Units/Carton	12 Brush tops (250 g) 12 Tins (500 g) 12 Sprays (400 ml)
<b>Art. No.</b>	<b>NSSBT 8</b>
<b>250 g</b>	<b>NSS 160</b>
<b>500 g</b>	<b>NSS 16A</b>
<b>400 ml</b>	

<sup>1)</sup> Additional package sizes available upon request

# ANTI-SEIZE COMPOUNDS AND LUBRICANTS

## NEVER-SEEZ® High Temperature Stainless Nuclear Grade

Filler: stainless steel particles. Particularly suitable for high-temperature applications and those prohibiting the presence of nickel. Used on pipe fittings and flanges in steam and hot-water installations and pumps. The product is highly resistant to chemicals.

EDF-approved for nuclear power plants (Electricité de France).

Meets: Atomic Equipment Division, General Electric D50YP12, Westinghouse, and Bechtel Nuclear Specifications.

Meets: MIL-A-907

## NEVER-SEEZ® Marine Grade

Specially designed product for marine applications in sea water. The range of mechanical applications is identical to that of NEVER-SEEZ® Regular Grade, with extra corrosion protection in humid, salt-bearing environments.

Meets: MIL-A-907

## ANTI-SEIZE CERAMIC PASTE

### VARYBOND® White Ceramic Paste

This metal and graphite-free assembly paste ensures easy removal of treated parts even after years of service. Ideally suited for threaded connections on components and fits subjected to high thermal loads. Prevents seizing, baking or galling (e.g., on stainless steel), as well as stick-slip motion at low traversing or feed speeds. The product is highly resistant against chemicals.

## GREASES

### NEVER-SEEZ® White Food Grade

General-purpose lubricating grease for the food industry, pharmaceutical industry and hospitals. Protects and lubricates metal components exposed to high friction and pressure. Suitable for all threaded components, articulated joints, slow-running antifriction bearings and sealing washers.

Meets: FDA21, CFR178.3570 and 177.1550



### High Temp. Stainless NG.

Appearance	Silver-grey paste
Filler	Stainless steel
Particle Size	< 50 µm
Coeff. Of Friction	0.08
NLGI Consistency	Class 1
Temperature Range	-180°C to 1310°C
Unit Sizes <sup>1)</sup>	227/454 g
Units/Carton	12 Brush tops (227 g) 12 Tins(454 g)

Art. No.454 g    **NGSS 160**

### Marine Grade

Appearance	Grey paste
Filler	Copper/Alu/ Graphite
Particle Size	< 50 µm
Coeff. Of Friction	0.072
NLGI Consistency	Class 1
Temperature Range	-180°C to 980°C
Unit Sizes	250/500 g
Units/Carton	12 Brush tops (250 g) 12 Tins (500 g)

Art. No.250 g    **NMBT 8**  
500 g    **NM 160**

### White Ceramic Paste

Appearance	White paste
Base Oil/Filler	Ceramic
Particle Size	< 40 µm
NLGI Consistency	Class 2-3
Temperature Range	-40°C to 1400°C
Unit Sizes <sup>1)</sup>	250/500 g, 400 ml Aerosol
Units/Carton	12 Flat tops (250 g) 12 Brush tops (500 g) 12 Sprays (400 ml)

Art. No.250 g    **VBK 25**  
500 g    **VBK 50**  
400 ml    **VBK 16A**

### White Food Grade

Appearance	White paste
Particle Size	0 to 2 µm
Thickener	Calcium soap
NLGI Consistency	Class 1
Dropping Point	145°C
Temperature Range	-25°C to 150°C
Unit Sizes	400 g
Units/Carton	12 Tins (400 g) 12 Cartridges (400 g)

Art. No. 400 g    **NSW 14**  
400 g    **NSWC 1**

**NEVER-SEEZ®  
Red Bearing Lubricant**

Excellent lubricant for fast and slow-running antifriction bearings. Because the special polyurea thickener adds structural stability, Red Bearing Lubricant has a decidedly longer service life than commercial lubricants and is especially indicated for applications requiring long-term lubrication.

Meets General Motors Specifications.

**NEVER-SEEZ®  
High Temperature Bearing Lubricant**

High-temperature grease does not have a dropping point and is specially formulated for use in roller bearings in incinerators, hardening furnaces, kiln oven carriages and flue gas desulfurization plants.

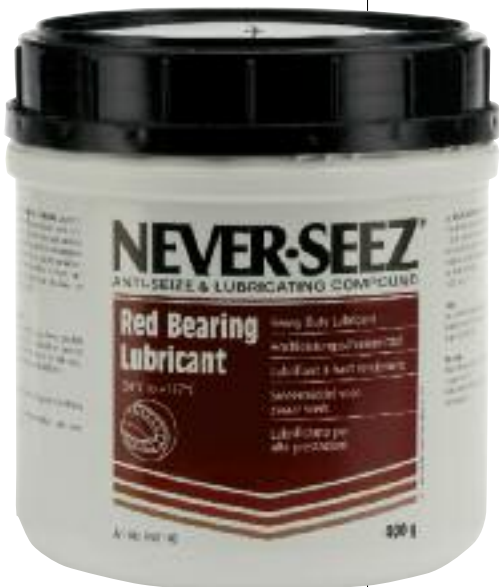
Meets General Motors Specifications.

**NEVER-SEEZ®  
Blue Moly**

This high-quality molybdenum disulfide lubricant is used in industrial applications where its dual properties of lubricant and anti-seize protectant provide excellent benefits. Used in applications where the presence of graphite, lead and copper is prohibited. Excellent suitability for stud bolts on internal combustion engines, and for lubricating slow-rotating components exposed to high pressure loads. Provides high-grade protection against fretting corrosion on stainless steel fasteners and components.

**NEVER-SEEZ®  
Black Moly**

This high-pressure molybdenum disulfide lubricant is especially effective during machinery run-in periods and in applications requiring lubrication of slow-running, high-load roller and plain bearings and transmissions subjected to high loads.



Red Bearing Lubricant	
Appearance	Beige paste
Particle Size	n/a
Thickener	Polyurea
NLGI Consistency	Class 1-2
Dropping Point	250°C
Temperature Range	-25°C to 170°C
Unit Sizes <sup>1)</sup>	400 g
Units/Carton	12 Tins (400 g) 12 Cartridges (400 g)
<b>Art. No.</b>	<b>400 g NSR 140</b> <b>400 g NSRC 1</b>

High Temp. Bearing Lubricant	
Appearance	Black paste
Particle Size	1 µm
Thickener	Graphite
NLGI Consistency	Class 2
Dropping Point	None
Temperature Range	-9°C to 538°C
Unit Sizes <sup>1)</sup>	200/400 g
Units/Carton	12 Brush tops (200 g) 12 Cartridges (400 g)
<b>Art. No.</b>	<b>200 g NHT 7BT</b> <b>400 g NHTC 14</b>

Blue Moly	
Appearance	Blue paste
Particle Size	2 µm
Thickener	n/a
NLGI Consistency	Class 1
Dropping Point	182°C
Temperature Range	-101°C to 815°C
Unit Sizes	250/500 g
Units/Carton	12 Brush tops (250 g) 12 Tins (500 g)
<b>Art. No.</b>	<b>250 g NBBT 8</b> <b>500 g NB 160</b>

Black Moly	
Appearance	Dark-grey paste
Particle Size	1 µm
Pressure Resistance	490 N
NLGI Consistency	Class 1/2
Dropping Point	190°C
Temperature Range	-12°C to 399°C
Unit Sizes	454 g
Units/Carton	12 Tins
<b>Art. No.</b>	<b>454 g NSB 150</b>

# CLEANER AND DEGREASER TOWELS

## SCRUBS® IN-A-BUCKET® Hand Cleaner Towels

Mobile and highly efficient hand cleansing and parts cleaning system. Pre-moistened towels need no water. Quick, gentle and thorough removal of intensive soiling, such as greases, oils, adhesives, tar, wax, soot, paint, ink, sealants, polyurethane (PU), etc. Once hands have been cleansed, the towels retain more than enough effective cleaning power for tools and equipment. Napped side removes stubborn soils. Smooth side for gentle hand cleansing.

The product is antibacterial, doesn't strip the skin's natural oils, and is biodegradable. Licensed under U.S. Patent No's 5.683.971; 4.853.281; 4.833.003; 4.775.582



SCRUBS 72 towels	
Description	Moist towels
Colour	Blue
Towel Size	27 x 31 cm
Scent	Orange
Unit Sizes	72 Towels/pail
Units/Carton	6 Pails
Art. No.	DY42272

SCRUBS 30 towels	
Description	Moist towels
Colour	Blue
Towel Size	27 x 31cm
Scent	Orange
Unit Sites	30 Towels/pail
Units/Carton	6 Pails
Art. No.	DY42230

SCRUBS 15 towels	
Description	Moist towels
Colour	Blue
Towel Size	19,5 x 20cm
Scent	Orange
Unit Sites	15 Towels/pail
Units/Carton	12 Pails
Art. No.	DY42215

SCRUBS 1 towel	
Description	Moist towel
Colour	Blue
Towel Size	20,3 x 31,1cm
Scent	Orange
Unit Sites	Single Pack
Units/Carton	100 Towels/ Carton
Art. No.	DY42201

# STAINLESS STEEL

# ANTI GRAFFITI

## STAINLESS STEEL CLEANER TOWEL

Stainless Steel Cleaner Towels clean, polish, brighten and protect all in one step. This powerful formula prevents water marks and corrosion and preserves the high luster of stainless steel. They are ideal for bathrooms, drinking fountains, elevators, kitchens and more.

- Convenient one-step program
- Surface can be polished with clean, dry cloth for higher gloss
- NSF® Registered

REMOVES:

Spot Marks, Film, Fingerprints, Water Marks, Grease

USE ON: Stainless Steel, Aluminum, Chrome, Copper, Brass

\* NSF® - Nonfood Compounds Program Listed C1, #136478



### Stainless Steel 30 Towel

Description	Moist towels
Colour	Grey
Towel Size	26,7 x 31,1 cm
Scent	Solvent
Unit Sizes	30Towels/pail
Units/ Carton	6 Pails

Art. No. **DY91930**

### Stainless Steel 1 Towel

Description	Moist towels
Colour	Grey
Towel Size	24,8 x 26,7 cm
Scent	Solvent
Unit Sizes	Single Pack
Units/ Carton	100 Pails

Art. No. **DY91901**

### Anti Graffiti 30 Towel

Description	Moist towels
Colour	White
Towel Size	26,7 x 31,1 cm
Unit Sizes	30 Towels/pail
Units/ Carton	6 Pails

Art. No. **DY90130**

### Anti Graffiti 1 Towel

Description	Moist towels
Colour	White
Towel Size	20,3 x 31,1 cm
Unit Sizes	Single Pack
Units/ Carton	100 Towels

Art. No. **DY90101**

## ANTI GRAFFITI TOWEL

SCRUBS® Graffiti and Paint Remover Towels combine a high-quality graffiti remover formula with an absorbent, abrasive, non-scratching towel. This product will loosen and remove graffiti and spray paint, allowing the towel to absorb and hold residue without redepositing paint on surface.

# INDUSTRIAL MARKERS

## DYKEM TEXPEN

The TEXPEN® stands out for its distinctive fine, medium and broad oil-based paint markings. Its stainless steel-ball valve action tip writes through oil, grease and underwater without losing legibility or brightness even in extreme conditions.

- Write sharp, defined, bright marks on any surface including metal, plastic, glass, concrete, rubber and more
- Ergonomically correct marker that enables you to mark at all angles, even upside down
- Paint flow is controlled by the pressure bulb at the end of the barrel
- Drying Time: 25 – 35 minutes



### TEXPEN

Art. No.:	Colour
DY 16063	Yellow
DY 16083	White
DY 16033	Black
DY 16023	Red
DY 16013	Blue
DY 16043	Green
DY 16103	Orange

## DYKEM DALO

The DALO® stands out for its distinctive medium and broad oil-based paint markings. Its stainless steel-ball valve action tip writes through oil, grease and underwater without losing legibility or brightness even in extreme conditions.

- Available in 2 tip sizes
- Write sharp, defined, bright marks on any surface including metal, plastic, glass, concrete, rubber and more
- Ergonomically correct marker that enables you to mark at all angles, even upside down
- Marker retains its shape unlike tube-style markers
- Paint flow is controlled by the pressure bulb at the end of the barrel
- Drying Time: 25 - 35 minutes



### DYKEM Dallo

Art. No.:	Colour
DY 26063	Yellow
DY 26083	White
DY 26033	Black
DY 26023	Red
DY 26013	Blue
DY 26043	Green
DY 26103	Orange

## DYKEM BRITE-MARK -medium-

Our most popular marker, the BRITE-MARK® features a felt tip for clear, bold markings. DYKEM® BRITE-MARK® is a general purpose permanent marker ideal for making clear, bold markings on almost any surface. Its quick drying, oil-based paint withstands indoor and outdoor conditions without fading, chipping or losing its opacity.

- Formula is not xylene-based
- Make permanent bright marks on metal, rubber, plastic, glass, concrete, leather, stone, wood, vinyl and more
- Valve action mechanism prevents paint in barrel from drying when cap is left off
- Heavy duty aluminum body with large paint capacity
- Ideal for color coding
- Bullet tips are replaceable to ensure complete use of paint in each marker
- Drying Time: 25 – 35 seconds



### DYKEM Brite-Mark Medium

Art. No.:	Colour
DY 84004	Yellow
DY 84003	White
DY 84002	Black
DY 84006	Red
DY 84001	Blue
DY 84007	Green
DY 84005	Orange
DY 84009	Pink
DY 84019	Violet
DY 84050	Silber
DY 84051	Gold

## DYKEM BRITE-MARK -fineliner-

DYKEM® High Purity markers are your answer for marking on stainless steel or any surface where degradation, contamination or other adverse effects are a concern. The formulas contain trace amounts of halogens, low melting metals and are low in chlorides.

- Ideal for welding, aircraft industries, marine industries, power plants, automotive plants, and oil and natural gas refineries
- Paint will not contaminate or adversely affect surface being marked



### DYKEM FINELINER

Art. No.:	Colour
DY41006	Yellow
DY41008	White
DY41003	Black
DY41002	Red
DY41001	Blue
DY41004	Green
DY41010	Orange



## DYKEM TEXPEN TXP

### High Temperature

DYKEM® High Temp markers are specifically formulated for marking surfaces that are exposed to extreme high temperature environments. Marks should be made at room temperature and can be applied to almost any non-porous surface such as metal, glass and ceramic. Certain colors can withstand temperatures up to 2000°F (1093°C). High Temp TXP: Features a stainless steel roller ball tip and a rubber pressure bulb to control paint flow. The TXP is designed to permanently write on dirty, oily, greasy or rough surfaces. The unique design allows you to mark at any angle, upside down and even underwater. The specially formulated oil-based paint withstands extreme conditions. Drying Time: 25 - 30 minutes

- Ideal for marking on glass, metal and ceramic
- Each color represents a temperature range



#### Texpen High Temperature

Art. No.:	Colour
DY 17063	Yellow
DY 17083	White

## High Temperature

### DYKEM Marker 44

High Temp 44: Designed with a valve action mechanism that allows the marker tip to be re-inked, even when the cap is left off. Marker barrel is threaded so it can be secured in a jig or apparatus for continuous marking applications. Unique cap design features a clip that prevents the marker from rolling and can easily be secured to a clip board or in your pocket.

- Drying Time: 45 seconds - 1 minute
- Ideal for marking on glass, metal and ceramic
- Each color represents a temperature range



#### High Temperature 44

Art. No.:	Colour
DY 44424	Yellow
DY 44219	White
DY 44250	Black
DY 44094	Blue
DY 44266	Green

## DYKEM High Purity TXP

High Purity TXP: Features a stainless steel roller ball tip and a rubber pressure bulb to control flow. The TXP is designed to permanently write on dirty, oil, greasy or rough surfaces. The unique design allows you to mark at any angle, upside down and even underwater. The specially formulated oil-based paint withstands extreme conditions.

- Ideal for welding, aircraft industries, marine industries, power plants, automotive plants, and oil and natural gas refineries
- Paint will not contaminate or adversely affect surface being marked
- Drying Time: 25 - 30 minutes



#### DYKEM High Purity TXP

Art. No.:	Colour
DY14143	Yellow
DY17463	White
DY17473	Black
DY17103	Red
DY14213	Blue
DY10353	Green
DY14203	Orange

## High Purity

### DYKEM Marker 44

High Purity 44: Designed with a valve action mechanism that allows the marker tip to be re-inked, even when the cap is left off. The marker barrel is threaded so it can be secured in a jig or apparatus for continuous marking applications. Unique cap design features a clip that prevents the marker from rolling and can easily be secured to a clip board or in your pocket.

- Ideal for welding, aircraft industries, marine industries, power plants, automotive plants, and oil and natural gas refineries
- Paint will not contaminate or adversely affect surface being marked



#### DYKEM High Purity 44

Art. No.:	Colour
DY44916	Yellow
DY44729	White
DY44404	Black
DY44301	Red
DY44534	Blue

# REFERENCES

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■ **Safety Data Sheets**

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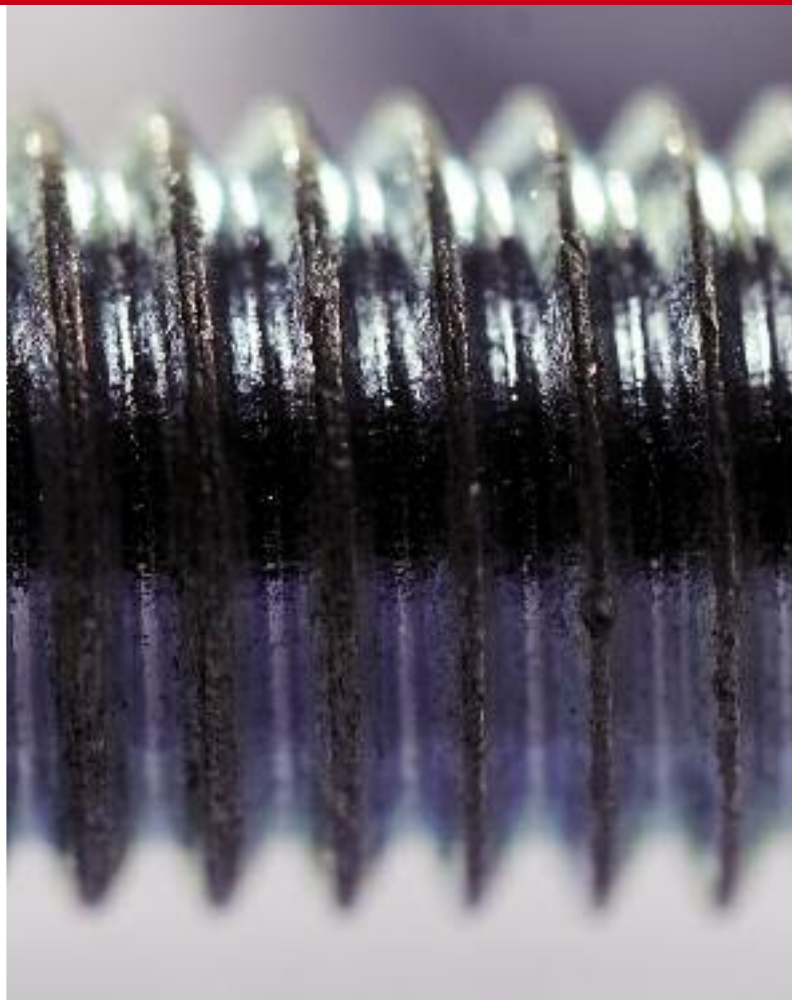


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