



TECHNICAL DATASHEET

VARYBOND STAINLESS STEEL

Product description

Varybond Stainless Steel is a paste based on graphite, aluminium and other metallic powders to avoid seizing in mechanisms and threaded connections under vibrations, high pressure, high temperature and aggressive environment. The solid components included in the Varybond Stainless Steel prevent the metal-metal contact and protect against the fretting, providing an easy dismantling. Varybond Stainless Steel fills the superficial cavities and irregularities, performing a sealing effect and preventing the entrance of contaminant fluid and gas. Recommended when applications prohibit nickel or copper. This paste will provide then a high protection to corrosion by salty water, acidic or caustic solutions.

Application

Varybond Stainless Steel is applied: in threaded connections, particularly when they are submitted under high pressure and high temperature, in smooth and grooved surface, studs, bolts, pins, seals even in corrosive environment.

Typical examples are the following: Threaded connections in drilling rods for crude, mining, public works, quarries turbines, generators and engines. Boilers, blowers, furnaces and accessories gas flow or continuous electrode nozzle heads valves and fittings in chemical, threaded connections for exhaust and collector pipes, cams and joints.

Please note / How to use

Varybond Stainless Steel can be applied by brush or spatula in high quantity in order to achieve a good sealing. Excess is not harmful.

Do not mix with other lubricant; before its use, it is recommended to clean the surfaces.

**High
Temp.
Stainless**

-50°C to +1400°C

Anti-Seize and
Lubricating
Compound
Trenn- und
Schmiermittel
Composé
lubrifiant
anti-grippant
Anti-vreet en
smeermiddel
pasta
Composto
antigrippante e
lubrificante

Technical data

Appearance:	bright grey paste
Thickener:	Lithium soap
Temperature range:	-50°C -1400°C
Density at 20° C:	1,24 [g/cm ³]
Penetration at 60 strokes (mm/10)	
ASTM D 217:	300-350
NLGI consistency	
ASTM D 217:	1
Material compatibility:	very good
4-ball test, weld load (kg) ASTM D 2596:	400

Unit size: 250g brush top, 500g pail, 1000g pail, 20kg drum and 400ml Aerosol can.

Storage / Shelf life

Shelf life is minimum 5 years if stored correctly. Package after emptying to be disposed via metal or plastic scrap.

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