



## TECHNICAL DATASHEET

### VARYBOND REGULAR GRADE®

#### Product description

Varybond Regular Grade® is a paste based on graphite, copper and aluminium 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 Regular Grade® prevent the metal-metal contact and protect against the fretting, providing an easy dismantling. Varybond Regular Grade® fills the superficial cavities and irregularities, performing a sealing effect and preventing the entrance of contaminant fluid and gas.



ANTI-SEIZE & LUBRICATING COMPOUND

**Regular  
Grade**

#### Application

Varybond Regular Grade® 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, electric line switch breakers (due to its good electrical conductivity),

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, automotive industries threaded connections for exhaust and collector pipes, cams, joints and brakes.

#### Please note / How to use

Varybond Regular Grade® 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.

#### Technical data

Appearance:	bright grey paste
Thickener:	Lithium soap
Temperature range:	-188°C - 958°C
Density at 20° C:	1,21 [g/cm <sup>3</sup> ]
Penetration at 60 strokes (mm/10)	
ASTM D 217:	285-335
NLGI consistency	
ASTM D 217:	1-2
Drop Point (°C) DIN ISO 2176	200
Material compatibility:	very good
Surface tension:	19 [mN/m]
4-ball test, weld load (kg) ASTM D 2596:	500
Copper strip corrosion 24 h, 100°C	
ASTM D D 4048:	1
Unit size: 100g Tubes, 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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June 2013