

Technical Datasheet



Article No. 12-62

Article Threadlocking high strength

Available sizes
50ml, 250ml, other sizes upon request



Product description / Please note
VARYBOND® Grade 12-62 high strength thread locker which fastens stud bolts with excellent resistance against chemicals and temperature influence. Difficult to disassemble bonded parts, even with tools.

Application
The parts should be dry, clean and free of any kind of grease so that the best result can be achieved. Apply directly from the bottle.

Physical Properties	
Liquid Product	
Chemical Base	Diester of Methacrylic Acid
Colour	red / fluorescent
Viscosity mPas spindle rpm 3/2,5	5000 - 7000
Viscosity mPas spindle rpm 3/20	1200 - 1800
Density	1,11 g/m ³
Max. thread diameter	M 36
Max. gap filling	0,25mm
Flash point	> +100°C
NSF	NSF ANSI Standard 61
DVGW	DIN EN 751-1
Shelf life	12 months at max. 25°C
Cured Product	
Initial strength after	10 - 20 minutes
Functional strength after	2 - 4 hours
Final strength after	3 - 6 hours
Loose break torque	20 - 24 Nm (M10)
Prevealing torque (DIN 54454)	> 35 Nm
Shear strength (DIN 54452)	10 - 15 N/mm ²
Thermal range	-55°C up to +150 °C

Storage / Shelf life
Package should not be mixed with other materials. Keep away from heat and sunlight. Shelf life is up to 12 months if stored correctly between 5 and 25°C. Package after emptying to be disposed via metal scrap.