

Technical Datasheet



Article No. 12-42

Article Threadlocking medium strength

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



Product description / Please note

VARYBOND® Grade 12-42 medium strength product with excellent resistance against chemicals and temperature. Cures very fast, even on galvanised surfaces and on stainless or high alloyed steel.

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	blue / fluorescent
Viscosity mPas spindle rpm 1/20	5000 - 7000
Viscosity mPas spindle rpm 3/20	1500 - 2500
Density	1,12 g/m ³
Max. thread diameter	M 36
Max. gap filling	0,25mm
Flash point	> +100°C
DVGW	DIN EN 751-1
NSF	NSF ANSI Standard 61
Shelf life	12 months at max. 25°C
Cured Product	
Initial strength after	5 - 15 minutes
Functional strength after	1/2 - 1 hour
Final strength after	1 - 3 hours
Loose break torque	~ 21 Nm (M10)
Prevealing torque (DIN 54454)	~ 10 Nm (M10)
Shear strength (DIN 54452)	~ 20 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.