

# Technical Datasheet



**Article No.** 12-43

**Article** Threadlocking medium strength

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



**Product description / Please note**  
VARYBOND® Grade 12-43 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.

<b>Physical Properties</b>	
<b>Liquid Product</b>	
Chemical Base	Diester of Methacrylic Acid
Colour	blue / fluorescent
Viscosity mPas spindle rpm 6/20	6500 - 8500
Viscosity mPas spindle rpm 6/100	2800 - 4500
Density	1,1 g/m <sup>3</sup>
Max. thread diameter	M 36
Max. gap filling	0,25mm
Flash point	> +100°C
Shelf life	12 months at max. 25°C
<b>Cured Product</b>	
Initial strength after	2 - 4 minutes
Functional strength after	1/2 - 1 hour
Final strength after	1 - 3 hours
Loose break torque (DIN 54454)	21 Nm
Shear strength (DIN 54452)	14 - 22 Nmm <sup>2</sup>
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.