

# Technical Datasheet



**Article No.** 12-22

**Article** Threadlocking  
low strength

**Available sizes**

50ml, 250ml, other sizes upon request



**Product description / Please note**

VARYBOND® Grade 12-22 is a universal product with medium viscosity. Suitable for threaded joints, which shall be removable later on, and also for small threads. Especially developed screws with the length of 2D.

**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	Ester of Methacrylic Acid
Colour	purple / fluorescent
Viscosity mPas spindle rpm 2/20	800 - 1200
Density	1,03 g/m <sup>3</sup>
Max. thread diameter	M36
Max. gap filling	0,20mm
Flash point	> +100°C
Shelf life	12 months at max. 25°C

**Cured Product**

Initial strenght after	15 - 30 minutes
Functional strenght after	1 - 3 hours
Final strenght after	5 - 10 hours
Loose break torque	4 - 7 Nm(M10)
Prevailing torque (DIN 54454)	1 - 3 Nm (M10)
Shear strenght (DIN54452)	3 - 5 N/mm <sup>2</sup>
Thermal range	-55°C uo 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.