

Technical Datasheet



Article No. 12-90

Article Retaining Compound
Capillar medium strength

Available sizes

50ml, 250ml, other sizes upon request



Product description / Please note

VARYBOND® Grade 12-90 is able to penetrate into finest gaps (capillary) or micro porosity and to seal safely cast iron parts or welded joints. It is also suitable for post-applying on screws and cylindrical assemblies.

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	green / flourescent
Viscosity mPas spindle rpm 2/100	40 - 55 mPas
Density	1,07 g/m ³
Max. thread diameter	M 5
Max. gap filling	0,07mm
Flash point	> +100°C
Shelf life	12 months at max. 25°C

Cured Product

Initial strenght after	10 - 20 minutes
Functional strenght after	1/2 - 1 hour
Final strenght after	3 - 6 hours
Loose break torque	18 - 23 Nm (M10)
Prevealing torque (DIN 54454)	> 35 Nm
Shear strenght (DIN 54452)	8 - 12 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.