

Technical Datasheet



Article No.	16-38
Article	Retaining Compound high strength

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



Product description / Please note

VARYBOND® Grade 16-38 very fast curing product for highest static shear strength, as well as for dynamic loads. Suitable to bond tooth wheels on axles, rotor/ stator connections in electric engines and for pulleys in belt drives.

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 / fluorescent
Viscosity mPas spindle rpm 3/20	2000 - 3000
Density	1,1 g/m ³
Max. thread diameter	M36
Max. gap filling	0,20mm
Flash point	> +100°C
NSF	NSF ANSI Standard 61
Shelf life	12 months at max. 25°C

Cured Product

Initial strenght after	2 - 5 minutes
Functional strenght after	1/2 - 1 hour
Final strenght after	2 - 4 hours
Loose break torque	> 40 Nm
Prevealing torque	> 50 Nm
Shear strength (DIN 54 452)	25 - 30 N/mm
Thermal range	-55°C up to +150 °C

Storage / Shelf life

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