

Technical Datasheet



Article No.	15-72
Article	Pipe Thread Sealant with PTFE low strength

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



Product description / Please note
VARYBOND® Grade 15-72 is a special grade for the sealing of conical or cylindrical pipe threads e.g. Withworth threads according to DIN 2999 up to 3 inches. Product gives flexible film with an breaking elongation of more than 100%. The contained PTFE powder lowers the friction. Approved acc. to DVGW (DIN EN 751-1) and KTW (use in contact with drinking water). In Germany not allowed for use in household gas-installations acc. to TRGI '86/96.

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 with PTFE
Colour	white
Viscosity mPas spindle rpm 6/2,5	40000 - 60000
Viscosity mPas spindle rpm 6/20	15000 - 20000
Density	1,0 g/m ³
Max. thread diameter	3 inches
Max. gap filling	0,30mm
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 strenght after	15 - 30 minutes
Functional strenght after	1 - 3 hours
Final strenght after	5 - 10 hours
Loose break torque	5 - 10 Nm (M10)
Prevealing torque (DIN 54454)	4 - 7 Nm
Tensile shear strength (DIN 54452)	5 - 7 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.