

Technical Datasheet



Article No. 15-77

Article Pipe Thread Sealant
universal medium strength

Available sizes

50ml, 250ml, other sizes upon request

with potable-water approval



Product description / Please note

VARYBOND® 15-77 is a general-purpose pipe thread sealant for all types of tapered and cylindrical pipe thread joints. The sealant cures quickly even at low temperatures. VARYBOND® 15-77 is tasteless and can be used in drinking water and other food applications as well as for natural gas lines and sprinkler systems. Conforms to DIN EN 751-1 (DVGW) and NSF 61.

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	yellow / fluorescent
Viscosity mPas spindle rpm 6/2,5	55000 - 80000
Viscosity mPas spindle rpm 6/20	18000 - 30000
Density	1,05 g/m ³
Max. thread diameter	3 inches
Max. gap filling	0,50mm
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 strength after	15 - 30 minutes
Functional strength after	1 - 3 hours
Final strength after	3 - 6 hours
Loose break torque	15 - 20 Nm (M10)
Prevealing torque	10 - 15 Nm
Shear strength (DIN 54 452)	6 - 13 N/mm ²
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.