

Technical Datasheet



Article No. 15-74

Article Surface Gasket universal medium strength

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



Product description / Please note

VARYBOND® Grade 15-74 is a medium strength product, which seals flanges as well as other flat surfaces against a wide range of gases and chemicals. It replaces common solid sealing compounds like cork, paper, rubber or metal. Easy to apply by using foam-rollers or screen-printing systems. Breaking elongation of the cured film is about 100%.

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	orange / fluorescent
Viscosity mPas spindle rpm 6/2,5	100000 - 180000
Viscosity mPas spindle rpm 6/20	30000 - 40000
Density	1,05 g/m ³
Max. thread diameter	N/A
Max. gap filling	0,50mm
Flash point	> +100°C
Shelf life	12 months at max. 25°C

Cured Product

Initial strength after	10 - 20 minutes
Functional strength after	3 - 6 hours
Final strength after	6 - 24 hours
Loose break torque	17 - 22 Nm (M10)
Prevealing torque	13 - 17 Nm
Shear strength (DIN 54 452)	5 - 10 N/mm ²
Tensile strength (ASTM D-2095)	8 - 10 Nm/mm ²
Impact strength (ASTM-D-950)	5 - 10 Nmm/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.