

# Technical Datasheet



**Article No.** 15-73

**Article** Surface Gasket low strength

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



## Product description / Please note

VARYBOND® Grade 15-73 is a low 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	green / flourescent
Viscosity mPas spindle rpm 6/2,5	55000 - 80000
Viscosity mPas spindle rpm 6/20	15000 - 25000
Density	1,05 g/m <sup>3</sup>
Max. thread diameter	N/A
Max. gap filling	0,30mm
Flash point	> +100°C
NSF	NSF ANSI Standard 61
Shelf life	12 months at max. 25°C
Cured Product	
Initial strenght after	15 - 30 minutes
Functional strenght after	3 - 6 hours
Final strenght after	6 - 24 hours
Loose break torque	8 -10 Nm (M10)
Prevealing torque	3 - 5 Nm
Shear strength (DIN 54 452)	4 - 6 N/mm <sup>2</sup>
Tensile strength (ASTM D-2095)	2 - 4 N/mm <sup>2</sup>
Impact strength (ASTM-D-950)	2 - 4 Nmm/mm <sup>2</sup>
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.