TECHNICAL DATA SHEET ergo.® 4252

Instant Gasket

Description
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.
Certified acc. to NSF ANSI 61 for use in commercial and residential potable water systems not exceeding 82°C. NSF P1 listed for use in food processing areas.
Note: This is a regional approval. Please contact us for more information and clarification.

Physical Properties (liquid product)
Chemical Base: Diester of Methacrylic Acid
Colour: green/ fluorescent
Viscosity at 25°C, Brookfield RVT
- 55,000 – 80,000 mPas spindle 6, 2.5 rpm
- 15,000 – 25,000 mPas spindle 6, 20 rpm
Density at 25°C: 1.05 g/cm³
Max. thread diameter: N/A
Max. gap filling: 0.30 mm
Flash point: > 100°C
Shelf life: 1 year at room temperature

Physical Properties (cured product)
Measured on M10 x 20 bolt - grade 8.8 black phosphatized - nut 0.8d (no on-torque)
Initial strength after: 15 - 30 minutes
Functional strength after: 3 - 6 hours
Final strength after: 6 - 24 hours
Loose-break torque: 6 - 10 Nm DIN 54454
Prevailing torque: 3 - 5 Nm DIN 54452
Shear strength: 4 - 11 N/mm² DIN 54452
Tensile strength: 2 - 8 N/mm² ASTM D-2095
Impact strength: 2 - 4 Nmm/mm² ASTM-D-950
Thermal range: - 55°C up to +150°C

WARRANTY INFORMATION - PLEASE READ CAREFULLY
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