



Kisling AG

**Motorenstrasse 102
CH-8620 Wetzikon**

Telefon +41 (0)58 272 01 01
Telefax +41 (0)58 272 01 03

info@kisling.com
www.kisling.com

TECHNICAL DATA SHEET ergo.® 4254

Flexible Instant Gasket

Description

Very high viscous, sealing product for flanges out of aluminium and mating parts out of different materials. Due to its excellent flowing behaviour it remains in position over a long time, even on vertical surfaces. Immediate sealing properties against low pressure. Easy to disassemble.

Physical Properties (liquid product)

Chemical Base:	Ester of Methacrylic Acid
Colour:	red
Viscosity acc. to Brookfield RVT at 25°C:	
Spindle 7 at 0,5 rpm	1.500.000 – 2.300.000 mPa•s
5 rpm	160.000 – 300.000 mPa•s
Density at 25°C:	1.1 g/cm ³
Max. thread diameter:	N/A
Max. gap filling:	0.50 mm
Flash point:	> 90°C
Shelf life:	1 year at room temperature (≤ 25°C)

Physical Properties (cured product)

Measured on M10 x 20 bolt - grade 8.8 black phosphatized - nut 0.8d (no on-torque)

Functional strength after:	< 3 hours	
Final strength after:	< 72 hours	
Break-loose torque:	> 18 Nm	DIN 54454
Prevailing torque:	> 10 Nm	
Tensile shear strength:	18 – 27 N/mm ²	DIN 54452
Tensile strength:	> 14 N/mm ²	DIN 53288
Thermal range:	- 55°C up to +150°C	

WARRANTY INFORMATION - PLEASE READ CAREFULLY

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