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## 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)

<b>Chemical Base:</b>	Ester of Methacrylic Acid
<b>Colour:</b>	red
<b>Viscosity</b> 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
<b>Density</b> at 25°C:	1.1 g/cm <sup>3</sup>
<b>Max. thread diameter:</b>	N/A
<b>Max. gap filling:</b>	0.50 mm
<b>Flash point:</b>	> 90°C
<b>Shelf life:</b>	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)

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

#### WARRANTY INFORMATION - PLEASE READ CAREFULLY

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