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TECHNICAL DATA SHEET ergo 4003

Thread Locker, low strength

Description

Universal product with medium viscosity. Suitable for threaded joints, which shall be removable later on and for small threads. Especially developed screws with length of 2D.

Physical Properties (liquid product)

Chemical Base:	Diester of Methacrylic Acid	
Colour:	purple / fluorescent	
Viscosity:	800 - 1200 mPa.s	25°C Brookfield RVT Spindle/ rpm 2/ 20
Density:	1.09 g/cm ³	25°C
Max. thread diameter:	M 36	
Max. gap filling:	0.20 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 zinc galvanised - nut 0.8d (no on-torque)

Initial strength after:	15 - 30 minutes	
Functional strength after:	1 - 3 hours	
Final strength after:	5 - 10 hours	
Loose-break torque:	10 - 18 Nm (M10)	DIN 54454
Prevailing torque:	2 - 8 Nm (M10)	
Shear strength:	3 - 5 N/mm ²	DIN 54452
Thermal range:	- 55°C up to +150°C	

WARRANTY INFORMATION - PLEASE READ CAREFULLY

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