



TECHNICAL DATA

GRADE X12-42 NUTLOCK

Threadlocking Medium Strength

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Product Description

ROCOL Grade X12-42 is a single component anaerobic threadlocking material, which is thixotropic and develops medium strength. The product cures when confined in the absence of air between close fitting metal surfaces and is particularly suitable for less active substrates such as stainless steel and plated surfaces. Oil tolerant grade.

Typical Applications

Prevents loosening and leakage of threaded fasteners. Particularly suitable for applications such as pump or motor mounting bolts, engine rocker nuts or equipment housing screws, where disassembly with hand tools is required for servicing.

Physical Properties

Liquid Product:

Chemical base:	Diester of Methacrylic Acid
Colour:	Blue / Fluorescent
Viscosity mPas (DIN 54453) (25°C Brookfield RVT spindle / rpm 6/20:	6500 – 8500
spindle / rpm 6/100):	2800 – 4500
Density @ 25°C:	1.1 g/cm ³
Max. thread diameter:	M36
Max. gap filling:	0.25 mm
Flash point:	> +100°C
Shelf life:	24 months at room temperature

ROCOL Industrial Adhesives

ROCOL House, Swillington, Leeds LS26 8BS, England.

Tel: 0113 232 2600 Fax: 0113 232 2760

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Cured Product:

Measured on M10 x 30 bolt - grade 8.8 zinc galvanised - nut 0.8d
(no on-torque)

Initial strength after: 2 - 4 minutes
Functional strength after: ½ - 1 hour
Final strength after: 1 - 3 hours

Breakaway torque² (ISO 10964): 21 Nm
Shear strength (DIN 54452): 14 - 22 N/mm²
Thermal range: - 55°C up to +150°C

Pack size and part code

50ml part code 73013

Health and Safety

Health and Safety information (SDS) is available from the Customer Service Department, ROCOL Lubricants, Swillington, Leeds, LS26 8BS, England.

Telephone: 0113 232 2700. (When calling from outside UK: 44 113 232 2700).

Fax: 0113 232 2760. (When faxing from outside UK: 44 113 232 2760).

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