



TECHNICAL DATA

GRADE X12-70 STUDLOCK

Threadlocking High Strength

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Product Description

ROCOL Grade X12-70 is a single component anaerobic threadlocking material, which develops high strength. The product cures when confined in the absence of air between close fitting metal surfaces.

Typical Applications

Prevents loosening through vibration and leakage of threaded fasteners. Particularly suitable for heavy duty applications such as studs into motor housings, nuts onto studs in pump housings and other fasteners where maximum strength is required.

Physical Properties

Liquid Product:

Chemical base:	Diester of Methacrylic Acid
Colour:	Green / Fluorescent
Viscosity mPas (25°C Brookfield RVT spindle rpm 2/20):	400 – 600
Density:	1.11 g/cm ³
Max. thread diameter:	M20
Max. gap filling:	0.15 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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The information in this publication is based on our experience and reports from customers. There are many factors outside our control and knowledge which effect the use and performance of our products for which reason the information in this publication is given without responsibility

Cured Product:

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

Initial strength after: 10 - 20 minutes
Functional strength after: 1 - 3 hours
Final strength after: 5 - 10 hours

Loose-break torque: > 30 Nm (M10)
Prevailing torque: > 45 Nm (M10)
Shear strength (DIN 54 452): 12 - 15 N/mm²
Thermal range: - 55°C up to +150°C

Pack size and part code

50ml part code 73023

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).

Issue: X12-70 (73023)
Date: Dec-03

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