



TECHNICAL DATA

GRADE X15-42 HYDRAULIC SEAL

Thread Sealant Medium Strength

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Product Description

ROCOL Grade X15-42 is a single component thixotropic, anaerobic pipe sealant material. This product cures when confined in the absence of air between close fitting metal surfaces. This grade develops medium strength to facilitate disassembly.

Typical Applications

Used to lock and seal hydraulic and pneumatic fittings. Recommended for sealing threaded metal fittings which should be fully torqued up.

Physical Properties

Liquid Product:

Chemical base:	Diester of Methacrylic Acid
Viscosity mPas (25°C Brookfield RVT spindle rpm 2/20):	500 – 700
Density:	1.05 g/cm ³
Max. thread diameter:	¾ inch
Max. gap filling:	0.15 mm
Flash point:	> +100°C
Shelf life:	24 months at room temperature

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:	3 - 6 hours

Loose-break torque:	14 - 20 Nm (M10)
Prevailing torque:	16 - 22 Nm (M10)
Shear strength (DIN 54 452):	8 - 12 N/mm ²
Thermal range:	- 55°C up to +150°C

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

Pack size and part code

50ml part code 73263

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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