



ENGLISH

Datasheet

RS Pro 50ml Medium Strength Threadlocker

RS Stock No: 908-2751



General Description

908-2751 is a medium strength, low viscosity threadlocker that locks and seals small compression and ferrule fittings with service temperature up to 200°C. It is useful for pre-assembled parts and its low viscosity allows the product to wick into the threads of small fittings.



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Product Description

Technology	Acrylic
Composition	Dimethacrylate ester
Appearance	Green Liquid
Viscosity	Medium
Cure	Anaerobic
Application	Thread locking
Strength	Medium

Technical Data

Specific gravity @ 25°C	1.08
Viscosity (25°C)	10 - 30 cps
Flashpoint	>100 ⁰ C
Temperature Range (°C)	-50 ⁰ C – 150 ⁰ C
Handling Strength	20 min @ room temp.
Full Cure	24 Hours @ room temp.
Breakaway Torque - Typical	15 N.m on M10 steel fasteners
Breakaway Torque - Range	6.8 – 21.5 N.m on M10 steel fasteners
Prevail Torque	25 N.m on M10 steel fasteners
Recommended Thread Size	Up to 12 mm



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Applications

908-2751 prevents loosening of metal threaded fasteners and secures close fitting cylindrical parts, helping to prevent leakage. The product is not for use with pure oxygen systems or systems containing strong oxidising materials.

Additional Information

908-2751 can also be used as a weld or porosity sealant and seeks out casting irregularities (hairline cracks). A unique capillary action allows the sealant to penetrate the smallest pores or cracks to provide a positive seal. The product will fluoresce under UV lamps for inspection purposes.

Low temperature, larger gaps or passive substrates may require the use of an anaerobic accelerator. Using a primer to increase cure speeds impedes the products' ability to wick and seal. While it may be used on thread locking applications, it is not recommended for sealing porosity or hair line cracks. The application of heat can help accelerate cure speeds.

Shelf Life

12 months minimum in normal storage condition (dry, room temperature) and in closed original packaging.

Optimal storage conditions: 8°C to 21°C. Storage below 8°C and above 28°C can adversely affect product properties.