

Product Brochure For T976

Thread Sealant - 8577-50

50ml

Ideal for Coarse Threads, Medium Strength



ORDER CODE:	T976
MODEL:	8577
Type:	Thread Sealant & Ideal for Coarse Threads, & Medium Strength
Cure Time:	Handling: 10 - 30min & Functional: 2 - 4 hours & Full Cure: 24 Hours
Viscosity (cps):	24,000 / 80,000
Gap Fill:	~
Specific Gravity:	1.09
Temperature Range:	-50°C to 80°C
Size:	50ml



Description

8577
 Medium Strength Thread Sealant

8577 is a medium strength, high performance anaerobic thread sealant designed for the locking and sealing of metal threaded pipes and fittings. The product cures rapidly in the absence of air between close fitting metal surfaces and provide low-pressure resistance immediately after application.

8577 is ideal to seal against gases, water, LPG, hydrocarbons, oils and other chemicals. Excellent thixotropic properties prevent migration of the sealant before or during curing.

Applications:

- Ideal for locking and sealing of threaded metal pipes and fittings
- Designed for coarse threads, Suitable for stainless steel surface without the need of surface activation.

Colour: Yellow

Sp. Gravity: 1.09

Viscosity Cps: 24,000/80,000 Thixotropic

Temperature Range: -50 to 80°

Adhesive Properties:

Composition: Methacrylate Ester

Color: Yellow

Viscosity: 24,000 – 80,000cps at 25°C

Brookfield RVT Spindle 3@20rpm

Specific Gravity: 1.09

Flash Point: >100°C

Solvent Content: None

Shelf Life: 1 year

Curing Properties:

Handling Cure Time: 10 - 30 minutes

Functional Cure Time: 2 - 4 hours

Full Cure Time: 24 hours

Breakaway Torque: 11Nm (100lbin)

(ISO 10964) M10 steel nuts & bolts.



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Prevail Torque: 6Nm (50lbin)
(ISO 10964) M10 steel nuts & bolts.
Break Loose Torque: 17Nm (150lbin)
(ISO 10964) M10 steel nuts & bolts. Pre-torqued to 5Nm
Max. Prevail Torque: 17Nm (150lbin)
(ISO 10964) M10 steel nuts & bolts. Pre-torqued to 5Nm
Compressive Shear Strength: 5N/mm² (75psi)
(ISO 10123) Steel pins & collars
Temperature Range -50 to 80°C