

LOCK'TRON S1577

P.T.F.E. ANAEROBIC SEALANT

● PRODUCT DESCRIPTION

Lock'tron S1577 is a high viscosity thixotropic gel sealant with P.T.F.E. content. Lock'tron S1577 cures rapidly, seals instantly up to 10 bar. Product can resist up to 350 bar when it fully cured.

- Sealing all types of threaded connections against water, oil, gases and most common materials conveyed by pipes.

● CURING PROPERTIES

Initial Strength Time	15 – 30 min.
Functional Strength Time	1 – 3 hours
Final Strength Time	3 – 6 hours

● UNCURED PROPERTIES

Base	Methacrylate Ester
Colour	Yellow / Fluorescent
Viscosity (25°C Brookfield DVII Spindle 6 @10rpm)	60000 – 85000 mPas
Specific Gravity	1.05 @ 20°C
Max. Thread Diameter	3 inches
Max. Gap Filling	0.50mm
Flash Point	>100°C

● CURED PROPERTIES

Typical Breakloose	12N.m. (ISO Method 4)
Typical Strength	6N/mm ² Prevailing (ISO Method 4)
Recommended Thread Sizes	6mm up to 75mm (Coarse)

Loose-break Torque	15 – 20N.m (M10) *DIN54454
Prevailing Torque	10 – 15N.m (M10) *DIN54454
Shear Strength	6 – 13 N/mm ² *DIN54452
Thermal Range	-55°C up to +150°C

***Measured on M10 x 20 bolt – grade 8.8 zinc galvanised – nut 0.8d loose free running

● STORAGE AND SHELF LIFE

12 months at 20°C when stored in sealed original containers.

