



616
Thread Sealant

TECHNICAL DATA SHEET

Trutite™ 616 Thread Sealant

Chemical Type	Methacrylate Ester
Appearance (uncured)	Yellow
Components	Requires no mixing, ready to use
Viscosity	Thixotropic, 50000-60000 cPs
Cure	Anaerobic
Applications of use	Thread Locking
Strength	Medium
Thread Pitch Filling	Up to 0.5mm
pH Level	Non corrosive
Temperature Range	-10°C to +150°C
Flash Point	>+93°C
Relative Density	1.02
UFI	CMH6-TOMC-Q00R-5XMH

Product Description

TruTite™ 616 Thread Sealant is designed for the instant assembly of threaded fasteners which if required can be disassembled with standard hand tools for maintenance or replacement purposes, it is a high viscosity and medium strength sealant.

The product is an anaerobic thread sealant which cures when oxygen is no longer present. This occurs when the air between your two metal fittings disperses which then allows the yellow liquid to cure in a matter of minutes (please see curing times). This process then forms a strong fitment which will prevent any loosening and leaks from vibrations caused to the fitment.

TruTite™ 616 Thread Sealant is most often used on Brass and Steel but is also effective on Stainless Steel, Aluminium and BZP Steel products and fills large distance gaps and gives perfect results on wide-diameter (up to 0.5mm) applications.



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Curing Times

Metal Type	Duration
Brass	Up to 1min
Steel	Up to 5mins
Stainless Steel	Up to 8mins
Zinc Plated Steel	Up to 30mins
Aluminium	Up to 35mins

Please note: curing time can be affected by thread pitch and ambient temperature at time of application

Results are based upon application in 22°C atmosphere

System can be used within 1-3 hours of TruTite™ 616 Thread Sealant application Full curing time is between 8-12 hours

Trutite™ 616 Thread Sealant Standards

EN751-1 Gas Standard

BS 6920 Water Approval Standard

Directions for use:

Before use read TruTite™ 616 Thread Sealant **MSDS**. Ensure all metal parts are clean and dry apply in one full rotation to male and female metal parts, use sparingly, excess product will not dry, remove with cloth To disassemble, use hand tools, if difficult to do so heat up to 250°C and repeat whilst hot can **not** be used on plastic fittings

Storage

Always keep in the original 250ml container. Store in a cool dry place, optimum storage temperature 22°C, avoid any direct sunlight. If the product is kept at temperatures of less than 5°C or above 30°C this can negatively affect the performance of TruTite™ 616 Thread Sealant. For expiry of the product please see reverse of packaging, product life is 24 months from **date of manufacture**

Health and Safety

TruTite™ 616 Thread Sealant contains methacrylate esters, for additional information read **MSDS** before use

Disclaimer The information provided including the recommendations for use and application of the product are based on our knowledge and experience of the TruTite™ 616 Thread Sealant product as at the date of this TDS. The product can be used for multiple situations as well as differing application and working conditions in your atmosphere that are beyond our control. Plumbing and Heating Distribution Ltd are not liable for the aforementioned scenarios of our product, as well as the intended results on differing metals. We strongly recommend that you carry out your own trials to confirm successful use of TruTite™ 616 Thread Sealant. Any liability in respect of this data sheet or any other written or oral recommendation(s) regarding the concerned product is excluded