



Product Description

Truloc Supergasket 777 is a low strength, fast cure, and high gap fill general-purpose thread sealant, gasket and flange sealant suitable for use with oxygen. It fills gaps up to 0.5mm, is thixotropic to avoid migration during applications other than horizontal, its fast curing properties enables fast sealing of joints. Tested on 10mm mild steel flanges it withstood 50 bar within five minutes of assembly. At 5°C, it will develop full strength within three hours.

Typical Applications

Typical applications for this product would be hydraulic and pneumatic control valves threads, transmission and engine flanges and pipe work. It is suitable for copper, brass, mild steel, cast iron, stainless steel and galvanised pipes and fittings.

Product Benefits

- Prevents leakage through porosity's and cracks.
- Excellent resistance against solvents and gases.
- Locks pre-assembled fasteners against vibration.
- Excellent thixotropic nature, preventing migration.
- Eliminates re-work where leaks are found in inspection.

The controlled curing characteristics of Supergasket 777 allows sufficient time for proper alignment and adjustment of components. This product should not be used on thin gauge metal components.

Performance Properties of Cured Truloc Supergasket 777

Strength (steel parts) - Typical Range

LOCKING TORQUE (ISO 10964)

Breakaway	18-22N.m
Prevailing	10-14N.m
Typical handling	15-30 mins

Physical Properties of uncured Truloc Supergasket 777

Monomer	Di-Methacrylate ester
Colour	Yellow
Viscosity, Brookfield 25°C Mpa.s	24000 - 70000
Max. gap filling ability (M80)	0.5mm
Shelf life at 5 - 25°C	1 year min



Solvent Resistance

Truloc Supergasket 777 has excellent solvent resistance for the majority of locking and sealing applications. After 30 days immersion at 85 degrees centigrade in oil, transmission fluid, gasoline and glycol the strength retained was between 80-90% of original strength.

Temperature Performance

Truloc Supergasket 777 is recommended for use at operating temperatures ranging from minus 55°C to plus 150°C.

Resistance to Vibration Loosening

Assembly failure is generally caused by loosening of the assembly by transverse dynamic loads. Truloc Supergasket 777 completely fills the void within the threaded joints and thus prevents movement in the assembly, eliminating vibration loosening. The product provides 100% contact between the locking surfaces.

Packaging

Truloc Supergasket 777 is available in 50ml and 250ml polythene containers.

Storage

Materials should be stored in original containers, which provide air space to maintain the product in a liquid state. Store between 5 and 25°C for maximum shelf life.

Caution

These products are generally non-toxic and are not common allergenic materials. They can however cause skin sensitising when used continuously where skin is bruised or micro-lacerated. Contact with skin in such conditions should be avoided. Adhesive can be removed from the skin with soap and water.



IRRITANT

Note

The information given in this Data sheet is the result of controlled laboratory tests and experience. It is intended only as a guide to the user in selecting the appropriate grade of Truloc product. Users must satisfy themselves by appropriate tests that the grades they propose to use are suitable for their specific application. Truloc Ltd is not responsible for loss, claim or damages resulting from the use of their products.