



Product Description

Truloc Superseal 935 is a general purpose thread and pipe sealant. This sealant contains a Teflon filler which lubricates during assembly and ensures correct tightening. It provides an instant low pressure seal allowing systems to be reconnected immediately. Superseal 935 is leak proof against the majority of industrial chemicals, fluids and gases.

Typical Applications

Recommended for connections with single tapered threads on gas hydraulic, pneumatic and sprinkler systems. Permits lighter joining with normal wrenching, protects against leaks caused by vibration loosening, yet allows disassembly of parts with normal tools. It can also be used where components are in operation immediately after assembly, thereby reducing costly down-time.

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 Superseal 935 allows sufficient time for proper alignment and adjustment of components.

Performance Properties of Cured Truloc Superseal 935

Strength (steel parts)M80 Locking torque Nm ISO10964

Breakaway	7-10
Prevailing	2-4
Shear strength DIN 54452	4-6 N.mm ²
Handling minutes	10-20
Functional hours	1-3

Physical Properties of uncured Truloc Superseal 935

Monomer	Di-Methacrylate ester
Colour	White ivory
Viscosity, 25 deg C	17000-50000 mPa.s
Flash Point (CoC)	100 deg C
Max. gap filling ability	0.5mm
Max. diameter of thread	M80 3"
Shelf life at 5 - 25 deg C	1 year min



Solvent Resistance

Truloc Superseal 935 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 Superseal 935 is recommended for use at operating temperatures ranging from minus 55 degrees centigrade to plus 150 degrees centigrade.

Resistance to Vibration Loosening

Assembly failure is generally caused by loosening of the assembly by transverse dynamic loads. Truloc Superseal 935 completely fills the void within the mating joints and thus prevents movement in the assembly, eliminating vibration loosening. The product provides 100% contact between the locking surfaces.

Packaging

Truloc Superseal 935 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 deg 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 are not responsible for loss, claim or damages resulting from the use of their products.