



TRULOC Technical Data Sheet

Flexible Gasket 755 Dated: 25.01.2009

Product Description

Truloc Flexible Gasket 755 is a thixotropic gel anaerobic paste for flange sealing exposed to temperatures from -55°C to + 150°C and gives pressure resistance equalling the pressure resistance of the parts to be sealed. It provides a 100% contact and sealing between flanges and improves the structural rigidity of the final assembly.

Typical Applications

Flexible Gasket 755 is recommended for use on flat mating surfaces and flange joints, which require medium strength seals such as pumps, compressors, gearboxes and camshaft blocks. It can also be used where components are in operation immediately after assembly, thereby reducing costly downtime.

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 characteristic of Flexible Gasket 755 allows sufficient time for proper alignment and adjustment of components.

Performance Properties of Cured Truloc Flexible Gasket 755

Strength (steel parts)	Test Procedure	Typical Values
Tensile Strength	DIN 53288	7 - 21 N/mm ²
Shear strength	ASTM d1002	3 – 9 N/mm ²
Typical Fixturing	60mins	
Maximum sealing pressure	350 bar	

Physical Properties of uncured Truloc Flexible Gasket 755

Monomer	Di-Methacrylate ester
Colour	Green
Viscosity, Brookfield 25 deg C	500,000cps
Flash Point (CoC)	>93°C
Specific gravity	1.1
Max. gap filling ability	0.25mm
Shelf life at 5 - 25 deg C	1 year min



Solvent Resistance

Truloc Flexible Gasket 755 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 Flexible Gasket 755 is recommended for use at operating temperatures ranging from minus 55 degrees centigrade to plus 150 degrees centigrade.

Resistance to Vibration Loosening

Loosening of the assembly by transverse dynamic loads generally causes assembly failure. Truloc Flexible Gasket 755 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 Flexible Gasket 755 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.

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.



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