



TRULOC Technical Data Sheet

Superfit 211

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Product Description

Truloc Superfit 211 is a single component anaerobic adhesive used to fit bearings, bushings and oil seals. The adhesive cures medium fast on all common metal surfaces, speed of cure is dependant upon the degree of gap filling required. Superfit 211 permits sliding fits to be used and eliminates distortion, prevents fretting and corrosion. The cured adhesive is a thermoset plastic with excellent temperature and chemical resistance

Typical Applications

Cylindrical parts, bearings, bushings, journals in soft metal, keys and splines.

Product Benefits

Prevents leakage through porosity's and cracks.
Excellent resistance against solvents and gases.
Medium strength allowing disassembly with normal tools.
Permits sliding fits.
Prevents fretting, corrosion and seals assemblies.
Single component product,

Performance Properties of Cured Truloc Superfit 211

Strength (steel parts)M20 Locking torque Nm ISO10964

Breakaway	12-15
Prevailing	16-22
Shear strength DIN 54452	8-12 N.mm ²
Handling minutes	10-20
Functional hours	1-3

Physical Properties of uncured Truloc Superfit 211

Monomer	Di-Methacrylate ester
Colour	Yellow
Viscosity, Brookfield 25 deg C	600cps
Flash Point (CoC)	100 deg C
Max. gap filling ability	0.12mm
Shelf life at 5 - 25 deg C	1 year min

**Solvent Resistance**

Truloc Superfit 211 has excellent solvent resistance for the majority of fitting, 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 Superfit 211 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 Superfit 211 completely fills the void within the joints and thus prevents movement in the assembly, eliminating vibration loosening. The product provides 100% contact between the locking surfaces.

Packaging

Truloc Superfit 211 is available in 10ml, 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 is not responsible for loss, claim or damages resulting from the use of their products.

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