



Scotch-Weld™

Neoprene High Performance Rubber and Gasket Adhesive 1300L TF – Toluene Free

Product Data Sheet

Date : October 2010
Supersedes: December 2009

Product Description

A fast drying adhesive that develops strength quickly. Has excellent heat resistance; temperature performance range is from (-5°F to 300°F) -21°C to 149°C.

Physical Properties

Not for specification purposes

Solvent	Methyl Ethyl Ketone, Propyl Acetate & Petroleum Distillate
Flash Point	-18°C
Consistency	Thin Syrup
Solids Content According to ISO 24	28-35 %
Specific Gravity According to ASTM D 1481	0.85-0.87
Colour	Yellow/Amber
Viscosity @ 23°C +/- 2°C According to ISO 2555 (Brookfield viscosimeter, spindle RV2, speed 20)	300 – 800 mPa.s ⁻¹

Performance Characteristics

Not for specification purposes

Service Temperature Range	-21°C to 149°C
Water Resistance	Excellent
Weathering Resistance	Excellent
Fuel & Oil Resistance	Fair

Application Characteristics

This adhesive is not recommended for Airless Spraying.

* 3HP Compressor for intermittent use.

5HP Compressor for continuous use.

** To measure Fluid Flow, pressurised fluid source only, pull trigger, flow material into measuring device for 60 seconds; increase or decrease fluid source pressure to obtain desired fluid flow.

Application Characteristics

All material hoses should be nylon or PVA lined. Packings and glands in contact with the adhesive should be made of Teflon.

As toluene is substituted by acetate in this new version of SW 1300 TF, the smell is totally different. The acetate is less toxic as toluene; however as all solvent based products, you should use it only in well ventilated areas.

Directions for Use**Surface Preparation**

Surfaces must be clean, dry and free from oil and grease.

Application

Spray or brush. Stir well before use. Apply to both surfaces, allow to become aggressively tacky for about four minutes, make bond under uniform pressure.

Application Temperature Range

16°C - 27°C (61°F - 80°F)

Clean Up

Excess adhesive may be removed with methyl ethyl ketone,

Note:

All of these solvents are highly flammable. It is essential that proper safety precautions are observed.

Additional Product Information**CAUTION**

Highly flammable petroleum mixture. Use only in well ventilated areas. Avoid prolonged or repeated skin contact. Keep away from heat and sources of ignition during storage and use.

Storage Conditions

Store product at 16°C - 27°C (60°F - 80°F) for maximum storage life. Lower temperatures cause increased viscosity of a temporary nature. Higher temperatures reduce normal storage life.

Rotate stock on a "first in - first out" basis.

Shelf Life

3M 1300TF has a shelf life of 15 months when stored in the original carton at 21°C (70°F) & 50 % Relative Humidity

Precautionary Information

Refer to product label and Material Safety Data Sheet for health and safety information before using the product.

For information please contact your local 3M Office.

www.3M.com

For Additional Information

To request additional product information or to arrange for sales assistance, call 0870 6080050 Address correspondence to: 3M United Kingdom PLC, 3M House, 28 Great Jackson Street, Manchester, M15 4PA

Important Notice

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