



338 REMINGTON ROAD
CUYAHOGA FALLS, OH 44224
Phone: 330.920.3125 Fax: 330.920.3126

TS-33D

Product Description

TS-33D is a revolutionary new engineering composite material. It's a 2-part, 1:1 mix, rubber-like product that is unique as it machines like a metal, molds like a thermoset plastics and flexes like a rubber. TS-33D is a very high temperature resistant material, >650°F and withstands 22,000 PSI compression and bounces back. It's tough, abrasion resistant, and has low surface coefficient of friction. Developed for military walkie-talkies antenna shielding, as in addition to being durable, it is invisible to radio waves.

Product Features

- Fast heat cure
- Durable rubber-like product
- No odor, non-corrosive addition cure
- No by-products, no shrinkage

Typical Applications

- Military antennae
- Seals
- Gaskets

Chemical Cure System

Platinum catalyzed, addition cure

Versine 2-Part Composite

Typical Properties

Color	Black
Viscosity, cps	400,000
Specific Gravity	1.50
Consistency	Thixotropic paste
Work Time @ RT	>7 Days
Cured @ 150°C	15 Minutes
Durometer	33 Shore D
Tensile Strength	1000 PSI
Elongation	250%

Handling Precautions

This is a platinum cure system product. The catalyst can be deactivated by exposure to sulfur containing compounds like thiols, sulfides, sulfates, organic rubber containing sulfur, nitrogen containing compounds like amines, amides, imides, azides, tin metals or compounds, or tin cured RTV's.

Solids

99% solids

Limitations

Do not use product in fuel or solvent immersion applications. Allow to fully cure before putting assembly into service.

Handling and Safety

For maximum shelf life, keep containers sealed when not in use. Keep out of the reach of children. Uncured sealant irritates eyes and skin. Refer to the SDS.

Shelf Life

Sealed containers are guaranteed for 12 months from the ship date when stored in a cool dry area below 70°F.

Limited Warranty

All recommendations, statements and technical data herein are based on tests we believe to be reliable and correct, but accuracy and completeness of said tests are not guaranteed and are not to be construed as warranty, either expressed or applied. User shall rely on his/her own information and tests to determine suitability of the product for the intended use, and the user assumes all risk and liability resulting from the use of this product. Manufacturer's sole responsibility shall be to replace that portion of product that the manufacturer proves to be defective. Manufacturer shall not be liable to the buyer or any third party for injury, loss or damage directly or indirectly resulting from the use of, or inability to use, the product. Recommendations or statements other than those contained in a written agreement signed by an officer of the manufacturer shall not be binding by the manufacturer.

This product has not been tested for, and is therefore not recommended for, uses for which prolonged contact with mucous membranes, abraded skin, or blood is intended; or for uses which implantation within the human body is intended.

*******Customized versions available upon request*******