

## Thread Sealant



Specifications

Real-Tuff™

### DESCRIPTION

Multi-purpose heavy duty, white, PTFE paste thread sealant for use on Aluminum, Black Iron, Brass, Copper, Glass, Monel, Natural Rubber, Plastic (P.E., Reinforced), PVC, ABS, CPVC, Stainless Steel, Synthetic Rubber (Butyl, Neoprene). Contains a unique system of fine grain PTFE particles specifically designed to fill cracks and tiny thread imperfections. Leak free joints can be tested and put into service at once. **Real-Tuff** holds tight against expansion, contraction and vibration, is non-separating, will not run or drip from joints, contains no lead. Non-hardening lubricating formula permits low torque make-up and easy disassembly without galling or stripping threads. **Real-Tuff** withstands temperatures from -200°F to +550°F, and provides leak-proof hydraulic resistance to 12,000 psi. Withstands gas pressure up to 2,600 psi.

**Real-Tuff** is non-flammable and contains no heavy metals or volatile solvents and is applied easily with a natural bristle brush, even at temperatures as low as -25°F.

### SIZES AND PACKING

STOCK NO.	SIZE	PACKING	WEIGHT/CASE
15605	2 oz. tube	48 (4-1 doz. trays)	7.7 lbs.
15615	1/4 pt.*	24	11.5 lbs.
15620	1/2 pt.*	24	22.5 lbs.
15625	1 pt.*	12	23.0 lbs.
15630	1 qt.	12	44.7 lbs.
15632	1 qt.*	12	44.0 lbs.
15635	1 gal.	4	58.1 lbs.
15640	5 gal.	1	65.0 lbs.

\*brush-in-cap

# Real-Tuff™ Thread Sealant

## APPROVALS AND LISTINGS



ANSI/NSF61  
FED SPEC TT-S-1732  
For Potable Water.

## SPECIFIC USES

### Real Tuff can be used on lines carrying:

Acids-Concentrated	Carbon Dioxide
Acids-Dilute	Carbon Tetrachloride
Air Compressed	Castor Oils
(Gaseous)	Caustic Alkalies
Alcohols	(concentrated)
Aliphatic Solvents	Caustic Alkalies (dilute)
Ammonia Anhydrous	Coal Gas
Ammonia Gaseous	Coal Tar Naptha
Ammonia Liquefied	Cutting Oils
Aromatic Solvents	Diesel Fuel Oil
Benzene	Dry Cleaning Fluids
Brine	Ethylene Glycol
Butane Gas	Fatty Acid (liquid)
	Freons (all)
	Gasohol

Gasoline
Glycerine
Heating Oils
Helium Gaseous
Hydraulic Oils
Hydrogen
Inert Gases
Jet Fuel
Kerosene
Ketones
Liquefied Pet. Gases
Lubricating Oils
Manufactured Gases
Mineral Oils
Natural Gas

Nitrogen Gaseous
Petroleum Solvents
Propane
Propylene Glycol
Soap Liquid
Sugar Liquid
Steam
Toluene
Tri-Chloro-Ethylene
Vegetable Oils
Water (cold & hot)
Water Gas
Xylene

## SPECIFIC APPLICATIONS\*

**Real-Tuff may be used on these materials:** Aluminum, Black Iron, Brass, Copper, Glass, Monel, Natural Rubber, Plastic (P.E., Reinforced), PVC, ABS, CPVC, Stainless Steel, Synthetic Rubber (Butyl, Neoprene).

## PHYSICAL PROPERTIES

Pressure Rating: Liquids	12,000 psi
Gases	2,600 psi
Temperature Performance:	-200°F to +550°F
Brushability:	-25°F

## WARNINGS OR CAUTIONS

Not for oxygen lines.

## DIRECTIONS FOR USE

Stir well before use. Do not dilute. For best results apply **Real-Tuff** to clean dry male threads, brushing well into the roots of the threads. Finished joints can be tested and put into service at once.

There is no set up time necessary. Shelf life is approximately 2-3 years.

## MATERIAL SAFETY INFORMATION

**FOR MORE INFORMATION ON THIS PRODUCT, REQUEST MATERIAL SAFETY DATA SHEET (MSDS) #11.**

For Delivery by Fax	Call 1-800-942-4636
Internet	See MSDS section of <a href="http://www.herchem.com">www.herchem.com</a>
Mail	Contact Hercules at address below or any Hercules representative

This product is not classified as hazardous in accordance with 20 CFR OSHA 1910.1200.

HMS Hazard Warning 0-0-0-A.

## INGREDIENTS

## CAS#

NJ-T.S.R. #31348300 5005P, 5010P, 5014P, 5015P, 5016P

\* For special applications which may not be covered on this or other Hercules literature, please contact Hercules Technical Services Department by phone 1-800-221-9330, or fax 1-800-333-3456, or visit our technical database web-site at [www.herchem.com](http://www.herchem.com).



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