

TALON PTFE PIPE THREAD COMPOUND TAL-SPEC

PRODUCT DESCRIPTION

PRODUCT

TALON PTFE Pipe Thread Compound

DESCRIPTION

TALON PTFE Pipe Thread Compound is a triple lubricating, all-purpose, non-seizing, industrial grade thread sealing compound that provides "**Freedom from Leaks™**" on all types of metal and plastic threaded connections. TALON PTFE Pipe Thread Compound contains Graphite, Ceramic Microspheres, and Virgin PTFE for optimal sealing.

- Zero VOC
- Noncombustible
- Nontoxic
- Easy Cleanup
- Lead Free

RECOMMENDED USES

TALON PTFE Pipe Thread Compound will not transfer any taste or odor to the system being sealed. Excellent for food and water systems. TALON an anti-galling compound making it possible to disassemble pipes and bolts easily after years of service. Suitable for threaded galvanized steel, iron, brass, copper, aluminum, stainless steel, PVC, CPVC, polyethylene, and reinforced fiberglass.

Suitable for use on systems carrying:

Acids, Dilute	Hydrogen
Air, Compressed	Inert Gases
Aliphatic Solvents	Jet Fuel
Alkalis, Dilute	Kerosene
Ammonia	Lacquer
Brine	L P Gases
Butane	Mineral Oils
Carbon Dioxide	Naphtha
Castor Oils	Natural Gas
Caustic Alkali (Dilutes)	Nitrogen Gas
Chlorinated Water	Petroleum Oils
Coal Tar Naphtha	Petroleum Solvents
Corrosives	Potable Water
Cutting Oils	Propane
Diesel Fuel Oil	Refrigeration Gases
Fatty Acids	Soap, Liquid
Freons (All)	Steam Lines
Gasohol	Sugar, Liquid
Gasoline ^A	Vegetable Oils
Glycol	Water
Heating Oils	Hydraulic Oils
Helium, Gaseous	
Hydraulic Oils	

TAL-SPEC

© 2018 J.C. Whitlam Manufacturing Company This product is manufactured in the U.S.A.

*DuPont registered trademarks. **Celanese registered trademark. ***General Electric Plastics registered trademark.
^AContact J.C. Whitlam Mfg. Co. for compatible blends.

The information contained in this bulletin is correct to the best of our knowledge. The recommendations or suggestions herein are made without guarantee or representation as to result, since the conditions of use are beyond our control. We suggest that you evaluate the recommendations contained in this bulletin. No statement is to be construed as violating any copyright or patent. They are intended only as a source of information.

COLOR/CONSISTENCY

Light gray brushable paste of smooth, grit free consistency. TALON PTFE Pipe Thread Compound has an indefinite shelf life.

TEMPERATURE RANGE USE

Gases:

10°F (-12°C) to 500°F (260°C)

Liquids:

10°F (-12°C) to 500°F (260°C)

Brushable to:

10°F (-12°C)

PRESSURE RANGE USE

Gases: up to 5,000 PSI (351.5 kg/cm²)

Liquids:

up to 10,000 PSI (703.1 kg/cm²)

DRYING TIME*

The system may be pressurized immediately after assembly. Soft set, non-hardening.

FOR USE ON THREADED

ABS, PVC, CPVC, Delrin*, Zytel*, Fiberglass, Nylon, Polypropylene, Polybutylene, Polyethylene, Celcon**, Cyclocac***, and all types of metal.

CORROSIVENESS

TALON PTFE Pipe Thread Compound is non-corrosive, and prevents the corrosion and seizing of threads.

U.S. FEDERAL SPECIFICATIONS

TALON PTFE Pipe Thread Compound exceeds TT-S-1732.

Meets International Fuel Gas Code 403.9.3 for Thread Joint Compounds.

ENVIRONMENTAL STATEMENT

TALON PTFE Pipe Thread Compound is formulated with non-toxic inert oils and is free from any lead containing ingredients.

WEIGHT PER U.S. GALLON

13.9 lbs. (6.3 kg) ± 0.2

PACKAGING

Stock Code	Size
Brush Top Can	
TAL4	¼ pint (118 ml)
TAL8	½ pint (237 ml)
TAL8A (12/ box)	½ pint (237 ml)
TAL16	1 pint (473 ml)
TAL32	1 quart (.95 L)
1 Gallon Metal Can w/ Handle	
TAL1	1 gal. (3.785 L)
5 Gallon Plastic Pail w/ Handle	
TAL5	5 gal. (18.9 L)
55 Gallon Open Head Steel Drum	
TAL55	55 gal. (208 L)

SHIPPING WEIGHT PER CASE

Stock Code	Case Weight	#/Case
TAL4	15 lbs. (6.8 kg)	24
TAL8	24 lbs. (10.9 kg)	24
TAL8A	13 lbs. (5.9 kg)	12
TAL16	22 lbs. (10.0 kg)	12
TAL32	42 lbs. (19.1 kg)	12
TAL1	53 lbs. (24.0 kg)	4
TAL5	65 lbs. (29.5 kg)	1
TAL55	640 lbs. (290.3 kg)	1

DIRECTIONS FOR USE

1. Stir well before using.
2. Brush liberally onto male threads.
3. Make up joint in a normal manner.

On large diameter pipe 1 1/2" (3.8 cm) and up, first wrap the pipe threads with two or more thicknesses of TALON® PTFE Tape, and then apply TALON Pipe Thread Compound over the tape.



For use in devices handling gasoline, petroleum oils, natural gas (pressures not over 300 PSIG), butane and propane not exceeding 1-1/2 in. pipe size. Use with TALON PTFE tape on pipe sizes greater than 1-1/2 inches in diameter in devices handling gasoline, petroleum oils, natural gas, butane and propane.



pw-G/dwv/sw

Meets:
NSF Standard 14
&
NSF Standard 61



P.O. Box 380 • Wadsworth, OH 44282 U.S.A.
 Phone: 1-330-334-2524 • FAX 1-330-334-3005
 Email: info@jcwhitlam.com
 Website: www.joinpipe.com