

TALON PTFE PIPE THREAD COMPOUND TAL-SPEC

PRODUCT DESCRIPTION

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TALON PTFE Pipe Thread Compound

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

TAL-SPEC

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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

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

CORROSIVENESS

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

US/CAN FED SPECIFICATIONS

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

Meets International Fuel Gas Code 403.9.3 for Thread Joint Compounds.

Meets ANSI LC 7-2009 for Pipe Joint Sealing Compounds and Materials.

Meets CAN/ULC-S642-2010 (R2016) Standard for Compounds and Tapes for Threaded Pipe Joints.

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)
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
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



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[^]Contact J.C. Whitlam Mfg. Co. for compatible blends.

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