

# 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	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 <sup>A</sup>	Vegetable Oils
Glycol	Water
Heating Oils	Hydraulic Oils
Helium, Gaseous	
Hydraulic Oils	

### 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:

-50°F (-46°C) to 500°F (260°C)

### Liquids:

-50°F (-46°C) to 500°F (260°C)

### Brushable to:

-50°F (-46°C)

## PRESSURE RANGE USE

**Gases:** up to 5,000 PSI (351.5 kg/cm<sup>2</sup>)

### Liquids:

up to 10,000 PSI (703.1 kg/cm<sup>2</sup>)

## 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\*\*, Cylolac\*\*\*, 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
<b>Brush Top Can</b>	
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)
<b>1 Gallon Metal Can w/ Handle</b>	
TAL1	1 gal. (3.785 L)
<b>5 Gallon Plastic Pail w/ Handle</b>	
TAL5	5 gal. (18.9 L)
<b>55 Gallon Open Head Steel Drum</b>	
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



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<sup>A</sup>Contact J.C. Whitlam Mfg. Co. for compatible blends.

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