

# POWER SEAL PLUS

## PTFE THREAD SEALING COMPOUND

### POW-SPEC

#### PRODUCT DESCRIPTION

##### PRODUCT

**POWER SEAL PLUS** PTFE Thread Sealing Compound

##### TYPE

**POWER SEAL PLUS** is an all purpose non-seizing thread sealing compound that produces leakproof seals on threaded connections. Does not dry out or harden. Lubricates as it seals. **POWER SEAL PLUS** is manufactured with the finest grade PTFE to provide the smoothest, non-drying, grit free thread sealant available.

- Non-Separating
- Grit Free
- Odor Free
- Non-Staining
- Non-Toxic
- Easy to Cleanup
- Adheres to Oily Threads

#### RECOMMENDED USES

**POWER SEAL PLUS** is specially formulated for the fire protection industry for use on all metal threaded connections, FlowGuard Gold®, Blazemaster®, and Corzan® pipe and fittings.

**POWER SEAL PLUS** is suitable for use on systems carrying glycols, dilute acids, dilute alkalies, LP gas, ammonia, aliphatic solvents, refrigeration gases, water, steam, natural gas, and air.

#### COLOR

Arctic Blue

#### CONSISTENCY

Paste of smooth, grit free consistency. **POWER SEAL PLUS** has an indefinite shelf life.

#### POW-SPEC

[www.powersealplus.com](http://www.powersealplus.com)

©2009 J.C. Whitlam Manufacturing Company  
This product is manufactured in the U.S.A.

#### DRYING TIME

Non-drying

#### TEMPERATURE RANGE USE

##### Gases:

-15°F (-26°C) to 400°F (204°C)

##### Liquids:

-15°F (-26°C) to 400°F (204°C)

Brushable to -15°F (-26°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>)

#### FOR USE ON THREADED:

FlowGuard Gold®, Blazemaster®, and Corzan® pipe and fittings. Suitable for all types of metal. FGG/BM/CZ™ System Compatible indicates that **POWER SEAL PLUS** has been tested, and is monitored on an ongoing basis, to assure chemical compatibility with FlowGuard Gold®, Blazemaster®, and Corzan® pipe and fittings. FGG/BM/CZ™ FlowGuard Gold®, Blazemaster®, and Corzan® are licensed trademarks of the Lubrizol Corporation.

#### U.S. FEDERAL SPECIFICATIONS

**POWER SEAL PLUS** meets and exceeds TT-S-1732.

#### ENVIRONMENTAL STATEMENT

**POWER SEAL PLUS** is formulated with non-toxic inert oils and is free from any lead containing ingredients.

#### VOC as manufactured:

0 grams/liter (g/l)

#### CORROSIVENESS

**POWER SEAL PLUS** is non-corrosive, and prevents the corrosion and seizing of threads.

#### PACKAGING

##### U.S. Measure:

Stock Code	Size
<b>Brush Top Can</b>	
POW16B	1 pint (473 ml)
POW32B	1 quart (.95 L)

##### Flat Top Can

POW16	1 pint (473 ml)
POW32	1 quart (.95 L)
POW1	1 gal. (3.78 L)

##### 5 Gallon Plastic Pail

POW5	5 gal. (18.9 L)
------	-----------------

##### 55 Gallon Open Head Steel Drum

POW55	600 lbs. (208 L)
-------	------------------

#### WEIGHT PER U.S. GALLON

14.8 lbs. (6.7 kg) ± 0.2

#### SHIPPING WEIGHT PER CASE

Stock#	Case Weight	#/Case
POW16B	25 lbs. (11.3 kg)	12/case
POW32B	50 lbs. (22.7 kg)	12/case
POW16	25 lbs. (11.3 kg)	12/case
POW32	50 lbs. (22.7 kg)	12/case
POW1	59 lbs. (26.8 kg)	4/case
POW5	72 lbs. (32.7 kg)	1 each
POW55	640 lbs. (290.3 kg)	1 each

#### 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 4" (10.2 cm) and up, first wrap the pipe threads with two or more thicknesses of Tape-Unyte® PTFE Tape, then apply **POWER SEAL PLUS** over the tape.



Division of  
J.C. Whitlam Mfg. Company  
P.O. Box 380  
Wadsworth, Ohio 44282  
Phone: 330-334-2524  
Fax: 330-334-3005  
email: [info@jcwhitlam.com](mailto:info@jcwhitlam.com)  
website: [www.jcwhitlam.com](http://www.jcwhitlam.com)