

STEEL-UNYTE PIPE JOINT, THREAD AND GASKET SEALER ST-SPEC

PRODUCT DESCRIPTION

PRODUCT

STEEL-UNYTE Hard Set Pipe Joint, Thread and Gasket Sealer.

DESCRIPTION

STEEL-UNYTE is a hard-set, semi-liquid, dark gray pipe joint, thread and gasket compound that produces a leakproof seal on all types of metal threaded connections.

RECOMMENDED USES

STEEL-UNYTE is suitable in sealing all metal threaded pipe fittings, flanged gasket fittings, tanks of all types, including gasoline, tank seams, pumps, electrical transmission equipment, gasoline and diesel engines. **STEEL-UNYTE** seals tightly but allows for disassembly without damage to parts. **STEEL-UNYTE** remains flexible so heavy vibration will not loosen connections.

Suitable for use on systems carrying:

Acids, Dilute	Lacquer
Air, Compressed	L P Gases
Aliphatic Solvents	Manufactured
Alkalis, Dilute	Gases
Ammonia	Mineral Oils
Brine	Naphtha
Butane	Natural Gas
Carbon Dioxide	Nitrogen Gas
Castor Oils	Petroleum
Chlorinated Water	Solvents
Cutting Oils	Propane
Diesel Fuel Oil	Refrigeration
Freons (All)	Gases
Gasoline*	Ryloil
Heating Oils	Soap, Liquid
Helium, Gaseous	Steam Lines
Hydraulic Oils	Sugar, Liquid
Inert Gases	Vegetable Oils
Jet Fuel	Water
Kerosene	

COLOR/CONSISTENCY

Dark Gray semi-liquid of smooth grit-free consistency.

ST-SPEC

© 2020 J.C. Whitlam Manufacturing Company
This product is manufactured in the U.S.A.
*Contact J.C. Whitlam Mfg. Co. for compatible blends

TEMPERATURE RANGE USE

Gases:

-50°F (-45°C) to 400°F (204°C)

Liquids:

-50°F (-45°C) to 400°F (204°C)

Brushable to:

-50°F (-45°C)

PRESSURE RANGE USE

Gases:

up to 2,500 PSI (175.8 kg/cm²)

Liquids:

up to 10,000 PSI (703.1 kg/cm²)

DRYING TIME**

Allow 5 minutes to air-dry prior to assembly.

FOR USE ON THREADED

All types of metal.

CORROSIVENESS

Non-corrosive. **STEEL-UNYTE** prevents the corrosion of flanges and threads.

U.S. MILITARY AND INTERNATIONAL SPECIFICATIONS

STEEL-UNYTE exceeds MIL-S-7916B.

Meets International Fuel Gas Code 403.9.3 for Thread Joint Compounds.

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

ENVIRONMENTAL STATEMENT

STEEL-UNYTE is formulated with non-toxic inert oils and is free from halogens and any lead containing ingredients.

WEIGHT PER U.S. GALLON

11.7 lbs. (5.3 kg) ± 0.2

FLASH POINT

TTC 58°F (14.4°C)

IGNITION TEMPERATURE

901°F (482.8°C)

ELECTRICAL RESISTANCE

Less than 0.005 ohm.

PACKAGING

U.S. Measure:

<u>Stock Code</u>	<u>Size</u>
Brush Top Can	
ST8	½ pint (237 ml)
ST16	1 pint (473 ml)
ST32	1 quart (.95 L)
5 Gallon Plastic Pail w/ Handle	
ST5	5 gal. (18.9 L)
55 Gallon Open Head Steel Drum	
ST55	55 gal. (208 L)

SHIPPING WEIGHT PER CASE

<u>Stock Code</u>	<u>Case Weight</u>	<u>#/Case</u>
ST8	23 lbs. (10.4kg)	24
ST16	22 lbs. (10.0 kg)	12
ST32	43 lbs. (19.5 kg)	12
ST5	65 lbs. (29.5 kg)	1
ST55	640 lbs. (290.3 kg)	1

DIRECTIONS FOR USE

Keep container closed when not in use.

THREADED CONNECTIONS:

1. Stir well before using.
2. Clean oil, dirt, grease, or any foreign material from threads.
3. Brush liberally onto male threads.
4. Allow to set for 5 minutes.
5. Make up joint in a normal manner.

FLANGE CONNECTIONS:

1. Stir well before using.
2. Clean oil, dirt, grease, or any foreign material from surface of flange and gasket.
3. Coat both sides of flange and gasket.
4. Allow to set for 5 minutes.
5. Assemble in a normal manner.

WARNING !!!

COMBUSTIBLE MIXTURE. DO NOT USE NEAR HEAT, SPARKS OR OPEN FLAME. DO NOT APPLY TO HOT SURFACES.

KEEP OUT OF REACH OF CHILDREN.



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