

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

PRODUCT DESCRIPTION

PRODUCT

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

TYPE

STEEL-UNYTE is a hard-set, semi-paste, dark gray pipe joint, thread and gasket compound that produces a leakproof seal on all types of metal and plastic 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	Inert gases
Air, compressed	Jet fuel
Aliphatic solvents	(JP3,4,5)
Ammonia, gaseous	Kerosene
Ammonia, liquid	Liquified
Caustic, dilute	petroleum
Cutting oils	gases
(low aromatic)	Mineral oils
Diesel fuel oil	Natural gas
Fatty acids, liquid	Nitrogen,
Gasoline	gaseous
Glycerine	Refrigerants
Heating oils	Refrigeration oil
Helium, gaseous	Soap, liquid
Hydraulic fluids,	Steam
water/glycol	Vegetable oils
Hydraulic oils	Water
Hydrogen, gaseous	(hot or cold)

COLOR/CONSISTENCY

Dark gray semi-paste of smooth grit-free consistency.

ST-SPEC

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This product is manufactured in the U.S.A.

ENVIRONMENTAL STATEMENT

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

DRYING TIME

Allow 5 minutes to air-dry prior to assembly.

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 (176 kg/sq cm)

Liquids:

up to 10,000 PSI (703 kg/sq cm)

FOR USE ON THREADED:

PVC, CPVC, and all types of metal.

CORROSIVENESS

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

FLASH POINT:

TCC 58°F (14°C)

IGNITION TEMPERATURE:

901°F (483°C)

ELECTRICAL RESISTANCE

Less than 0.005 ohm.

U.S. MILITARY SPECIFICATIONS

STEEL-UNYTE exceeds MIL-S-7916B.

PACKAGING

U.S. Measure:

Stock Code	Size
Brush Top Can	
ST8	½ pint (237 ml)
ST16	1 pint (473 ml)
ST32	1 quart (.95 L)
1 Gallon Metal Can w/ Handle	
ST1	1 gal. (3.785 L)
5 Gallon Plastic Pail w/ Handle	
ST5	5 gal. (18.9 L)
55 Gallon Open Head Steel Drum	
ST55	55 gal. (208 L)

WEIGHT PER U.S. GALLON

11.2 lbs. (5.1 kg) ± 0.2

SHIPPING WEIGHT PER CASE

Stock#	Case Weight	#/Case
ST8	23 lbs. (10.4 kg)	24/case
ST16	22 lbs. (10.0 kg)	12/case
ST32	43 lbs. (19.5 kg)	12/case
ST1	46 lbs. (20.9 kg)	4/case
ST5	65 lbs. (29.5 kg)	1 each
ST55	640 lbs. (290.3 kg)	1 each

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.



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