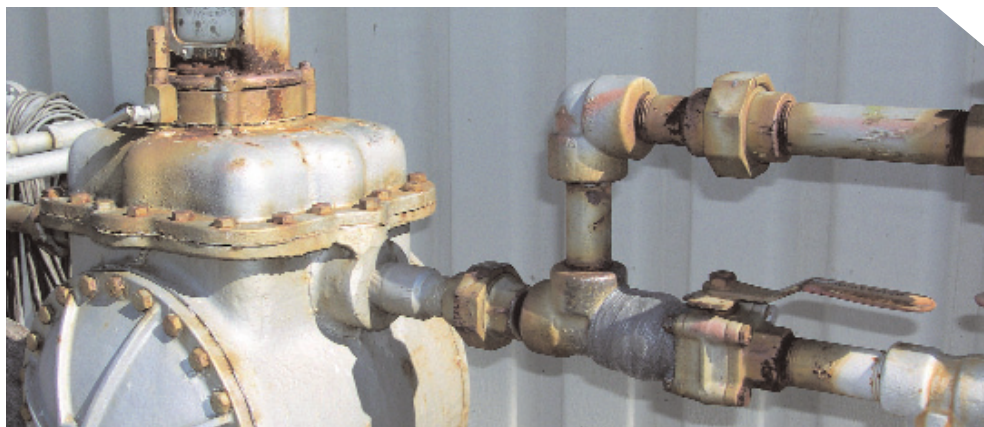


TRIDENT-SEAL™ REPAIR KITS: LIVE NATURAL GAS

For Live Natural Gas Repairs on Pipes up to 60 psi (4 bar)



Description

Trident-Seal™ Live Natural Gas Repair Kit permanently seals active leaks up to 60 psi (4 bar) and is excellent on steel, copper, PVC, ABS, and more. This product was specifically designed and tested for the natural gas industry.

Pipe Diameter	Roll Size	Item #
1/2" - 1" (12.7mm - 25.4mm)	2" x 7.2' (5.08cm x 2.195m)	TS2580
1 1/4" - 2" (31.75mm - 50.8mm)	3" x 14' (7.62cm x 4.27m)	TS3104
2 1/2" - 4" (63.5mm - 101.6mm)	4" x 25' (10.16cm x 7.62m)	TS4173
4 1/2" - 6" (114.3mm - 152.4mm)	4" x 40' (10.16cm x 12.19m)	TS4335

Testing Data & Results

Identification	Test Results	Air Test Temp. °F/°C	Test Pressure psi/bar	Test Time
Pinhole 1	Pass	73 / 23	90 / 6.2	>1028 hours
Pinhole 2	Pass	73 / 23	90 / 6.2	>1028 hours
Joint 3	Pass	73 / 23	90 / 6.2	>1028 hours
Joint 4	Pass	73 / 23	90 / 6.2	>1028 hours
Pinhole 1	Burst	73 / 23	2125 / 146.5	45 seconds
Pinhole 2	Burst	73 / 23	4694 / 323.7	159 seconds
Joint 3	Burst	73 / 23	3730 / 257.2	56 seconds
Joint 4	Burst	73 / 23	3670 / 253.1	118 seconds

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Kit Contents

- Step-by-Step Instructions
- Sanding Cloth
- Solvent Cleaning Wipe
- Protective Gloves
- Trident-Seal Putty
- Trident-Seal Pressure Sealing Tape
- Trident-Glass™ Outer Wrap
- Compression Film

Typical Applications

- Live gas meter set
- Threaded joints
- Manifolds
- Pinhole
- Mainline

Benefits

- Quick action
- Instant repair
- No downtime
- Fast and easy
- No relights
- Tested for long-term repair
- Used above or below ground

Physical Properties

VOCs: None

Service Temperature:

-50 to 250°F (-45 to 121°C)

Application Temperature:

32 to 150°F (-18 to 65°C)

Shelf Life: 24 Months

Mechanical Properties

Tensile Strength (glass): 41,000 psi (2826.85 bar)

Lap Shear (putty): 900 psi (62.05 bar)

Pressure Rating Once Cured: 90 psi (6.2 bar)

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