

TRIDENT-SEAL™

LIVE NATURAL GAS LEAK REPAIR KITS



Description

Trident-Seal, live natural gas repair system permanently seals active leaks, up to 60 psi (4 bar) without interruption to service. These kits are pre-packaged for up to 6 inch diameter, larger repairs can be made by utilizing more than one kit. Each kit contains enough material to repair pinholes or threaded fittings. Third party testing for long term pressure retention has been conducted at 90 psi (4 bar). The Trident family of products was specifically designed for the natural gas industry and requires Operator Qualified training.

Mechanical Properties

Test	Method	Result
Tensile Strength (glass)	ASTM D3039	41,000 psi (2826.85 bar)
Lap Shear (putty)	ASTM D3163	900 psi (62.05 bar)
Pressure rating once cured	Field Test	90 psi (6.2 bar)

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

Typical Applications

- Live gas leaks on:
 - Threaded fittings
 - Manifold
 - Meter set
 - Pinhole
 - Mainline

Benefits

- Instant repair
- No downtime
- Simple application
- No relights
- Permanent repair
- Used above or below ground

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

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

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