

PRODUCT:

FIRE-RETARDANT DUCT SEALING KIT

SINGLE BARREL WITH NON-FLAMMABLE INSULATING STRIPS

THE BASICS:

- The FIRE-RETARDANT DUCT SEALING KIT is a two-part polyurethane foam used for sealing risers, conduits, ducts, and abandoned gas pipes against water, gas, and debris.
- The FIRE-RETARDANT DUCT SEALING KIT is inexpensive, safe, easily installed, and easily removed. DUCT SEALING foam will seal virtually any size/type of pipe or conduit including PVC, ABS, metal, or fiberglass. The foam can be easily removed to pull out cable or to open a previously sealed conduit for new cable installation.
- Unlike other products, the unique water-blown chemistry used in DUCT SEALING foam makes the product safe to use for the installer and friendly to the environment. The specially designed packaging allows for easy mixing and user friendly application.
- DUCT SEALING polyurethane foam is low exotherm, fast setting, easily removable, has excellent electrical properties, and does not contain TDI or MOCA.
- The FIRE-RETARDANT DUCT SEALING KIT displays excellent adhesion to most surfaces, including all types of conduit and cable sheaths, without the use of primers. It reacts 50% of full strength in approximately 3 minutes and 80% within 60 minutes after mixing. No injection gun is needed.
- The kit includes: two-part polyurethane mixing tube, injection barrel, two non-flammable insulating strips, packing rod, gloves, and instructions. The insulating foam strips are to be packed between the cables and the conduit and will contain the liquid resin while it expands. The packing rod is used to assist in packing the insulation strips in conduit and around cables.
- The non-flammable insulating strips are used as packing strips in our FIRE-RETARDANT DUCT SEALING KIT. Each strip measures 1 1/2" x 24" x 1/2". These strips are made of mineral wool and when used as part of our kit, provides a fire-retardant facing to seal conduits. These insulating strips are recommended for service temperatures up to 1200°F and have a melt point in excess of 2000°F.

APPLICATIONS:

Use FIRE-RETARDANT DUCT SEALING KIT for:

- Vaults
- Wire chases
- Power generation plants
- Pipes
- Conduits
- Manholes
- Central offices
- Wall penetrations
- Floor penetrations



FEATURES	HOW YOU BENEFIT
Fast setting	Installer can complete the job faster
Convenient packaging	No injection gun required
Easily removable	Faster re-entering time
Tough and flexible	Holds up to harsh environments - will not crack

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TECHNICAL HIGHLIGHTS:

Viscosity: Part 1: 9,000 - 11,000 cps
Part 2: 9,000 - 11,000 cps
Mixed: 9,000 - 11,000 cps
Color: Part 1 (Polyol): Beige
Part 2 (Isocyanate): Tan
Mixed: Light Yellow
Mixing Ratio: By Weight: 90.5 / 100
By Volume: 1:1
Gel Time: 2.5 minutes
Tack Free Time: 5 minutes
Full Cure Time: 12 hours
Foam Density: 6-7 lb/ft³
Pressure Tolerance: When Plugging Conduit > 10 psi

Thermal Performance of Insulating Strips:

Mean Temperature	K-Factor1000	K-Factor 1200
At 200°F	0.31	0.30
At 400°F	0.42	0.42
At 600°F	0.61	0.56

Rainbow Technology offers a comprehensive line of products to the utility and telecommunications industries. Users of FIRE-RETARDANT DUCT SEALING KIT often find these other Rainbow products helpful too.

- Duct Sealing Kit (Single Barrel) (79515)
- Duct Sealing Kit (Dual Barrel) (79517)
- Duct Sealing Injection Gun (For Dual Barrel) (79519)
- Q-Pak Duct Sealing Kit (79528)
- Q-Pak Injection Gun (79521)
- Quick-Seal Sealant (79514)
- Firestop Kit (79508)
- Pole Setting Foam (79701, 79702, 79703, 79705, 79706, 79707, 79709)
- KNUCKLES Hand & Tool Cleaning Towels (79315, 79316)
- Instant Hand Sanitizer (7152)
- Clear RTV Silicone Sealant (88000)
- B-Sealant (79500)

This product is only for sale to and use by service personnel. MSDS available on request.

RELATED PRODUCTS:

MATERIAL SAFETY DATA SHEET:

PACKAGING:

PRODUCT NUMBER	CONTAINER SIZE	UNITS/CASE	CASE WEIGHT	CASE SIZE L x W x H
79506	6 oz Kit	12	10 lbs	10.5" x 10" x 15.5"
79512	2 oz Kit	12	7 lbs	12" x 13" x 13"

ANSWERS TO YOUR QUESTIONS:

Do you have a question about any Rainbow Technology product? Because we've been supplying the utility and telecommunications industries since 1971, our technical support team has the expertise to provide answers and solutions.

Just call us at 1.800.637.6047.

RAINBOW TECHNOLOGY Specialists in Utility Chemicals

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