

FIRETRACE™ FLEXROPE

Description

The Firetrace™ FlexRope is a simple fire suppression product designed to address fire hazards inside electrical enclosures. FlexRope can be installed in narrow spaces and close to all potential ignition points, allowing it to quickly detect and suppress fire before it spreads.

FlexRope performs best in enclosures with a volume of 35ft³ (1m³) or less. To ensure rapid detection, we recommend installing the product within two inches of ignition points which are typically terminations or hard bends. The FlexRope boasts a 1/2" bend radius, making it ideal for complex routing.



Part Number	Minimum Protected Volume	Protected Volume (ft ³)	Protected Volume (m ³)	FlexRope Lengths Included
981000-SML	Small Enclosure Kit	<10.6ft ³	< 0.30	2x 44" (2x 1.1m)
981000-MED	Medium Enclosure Kit	10.6 to <17.6	0.30 to <0.50	2x 73" (2x 1.8m)
981000-LRG	Large Enclosure Kit	17.6 to <28.2	0.50 to <0.80	2x 116" (2x 2.9m)
981000-XLG	Extra Large Enclosure Kit	28.2 to 35.3	0.80 to 1.00	2x 145" (2x 3.6m)

General Specifications

Diameter	.28 in (7mm) diameter
Minimum Bend Radius	.50 in (12.7mm)
Activation Temperature	660 °F (350°C)
Product Life	5 Years
Detection Time	30 Seconds
Solution Type	Total Flood

Technical Characteristics

FlexRope is comprised of a Proprietary Extinguishing Agent enclosed in a humidity resistant vinyl sheath and covered in a fiberglass braid.

Each kit contains two identical lengths of FlexRope length, which is intended to make installation easier and provide the ability to cover all ignition points effectively.

The FlexRope to enclosure volume ratio has been determined through rigorous testing and with guidance from NFPA2010 regarding extinguishing application density.