

Moisture Detection Tape



The Moisture Detection Tape (MDT) is a water sensing tape, which is placed in cable splice closures to detect the first trace of moisture penetration. The detection tape conductors are connected to the input leads of a Splice Sensor Unit which, when triggered by the detection tape, transmits a coded alarm signal. The detection tape is wrapped in an open helix around the splice bundle inside the closure.

The Moisture Detection Tape is a special design using a multi-layer lamination of polyester, foamed polyethylene, copper conductors and an open mesh fibrous insulation. The dielectric materials used are non-hygrscopic, rugged and have excellent insulating properties. The copper detection conductors are standard 22 AWG for ease of handling.

The detection characteristics of the tape ensure that the Splice Sensor Unit will trigger only in the presence of liquid water. This prevents false triggering from normal humidity present in splice closures.

Features

- High sensitivity to liquid water
- Rugged design with standard 22 AWG detection conductors
- Insensitive to water vapor (humidity)
- Can be used in all types of closures

Specifications

ITEM	QUANTITY/SPECIFICATION	NOTES
Model Number(s)	2036	MDT 36" (pkg of 5)
	2060	MDT 60" (pkg of 5)

HIGH SENSITIVITY TO
LIQUID WATER

INSENSITIVE TO WATER
VAPOR (HUMIDITY)

RUGGED DESIGN WITH
STANDARD 22 AWG
DETECTION
CONDUCTORS

CAN BE USED IN ALL
TYPES OF CLOSURES

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of our products or services,
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