



INSULATE
SEAL
PROTECT

LONGITUDINAL WATER BLOCKING SOLUTION

DERAY[®] DUOMELT SEALS AND ENVIRONMENTALLY PROTECTS CONNECTORS AND CABLE BUNDLES

FEATURES AND BENEFITS

- A specially designed heat shrink tube and mastic lined adhesive tape sealing system that provides longitudinal water sealing for cable bundles, plug connectors and splices
- Environmentally seals and protects wire bundles up to 20 wires
- Cables are embedded individually into the adhesive tape to ensure 100% sealing
- Good chemical and fuel resistance
- Good adhesion to PVC, XLPE and PP-EPDM wire insulating materials
- Continuous operating temperatures of -40°C to 105°C

STANDARDS

- Approved to OEM longitudinal water blocking specifications

TYPICAL APPLICATIONS

- Water/moisture ingress elimination
- Abrasion protection and strain relief
- Noise dampening and reduction



LONGITUDINAL WATER BLOCKING

DERAY® DUOMELT

DIMENSIONS

WIDTH		THICKNESS	
MM	IN	MM	IN
10.0	0.394	1.1	0.043
10.0	0.394	1.5	0.059
15.0	0.590	1.5	0.059
15.0	0.590	1.8	0.071

INSTALLATION

The DERAY® DuoMelt system consists of two primary components:

- DERAY® DuoMelt mastic adhesive strips, 85°C and 105°C operating temperatures, used to seal all of the individual elements of the cable bundle.
- DERAY® IAKT/IHKT heat shrink tubing is cross-linked polyolefin tubing that is used to cover and encapsulate the entire installation.

DERAY® WorkMan or DERAY® DockMan shrink ovens are recommended for repeatable application

Please contact your Customer Service Representative for information on customized products.

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