

DERAY[®]-ColdMelt I

105°C

Longitudinal water blocking system

DERAY[®]-ColdMelt I is the ultimate water blocking system for automotive wire harness feed-through locations.

Features And Benefits

- A specially designed heat shrink tube, mastic strip and shrink oven system that seals 100% of the time
- Low temperature installation that reduces thermal stress and protects the cable insulation
- Cables are embedded individually into the mastic strips forming a barrier against fluids and moisture penetration
- Accommodates and seals harness bundles of up to 130 cables
- On or off-line installation to accommodate production requirements
- Grommet standardization
- Good adhesion on PVC, XLPE and PP-EPDM cable insulation
- Reduces total installed cost by eliminating drip loops
- Provides design flexibility that reduces wire harness installation time
- System available in three different temperature ranges: -40°C to 105°C

Standards

- Approved to major OEM water blocking specifications

Typical Applications

- Water/moisture ingress elimination
- Noise dampening and reduction

Installation

DERAY[®]-ColdMelt I system consists of two components:

- DERAY[®]-CS - low shrink temperature heat shrink tube to cover the ColdMelt strips to maintain a tight-cylindrical bundle.
- DERAY[®]-ColdMelt strips - mastic adhesive strips used to embed all wires forming a water blocking barrier.



The DERAY®-WorkMan is used to shrink the tubing and form the water blocking bundle (up to 20 wires) - ColdMelt Lite.
 The DERAY®-SealMan is used to shrink the tubing and form the water blocking bundle (> 20 wires).
 For detailed installation instructions refer to DSG-Canusa manual instruction VSPZ061.

Ordering

- Select options:
 - Color: Black (BK)
 - Packaging: Cut pieces or reel
- Please specify the product name, order number and options you require
- Order example: DERAY®-CS 10-3.5 black, DERAY®-ColdMelt 105°, 19.0, 1.5 black, 50 mm cut length in cardboard

Please contact your Customer Service Representative for information on custom colors, sizes, lengths and material data sheet.

DERAY®-CS Heat Shrink Tube

ORDER NUMBER	EXPANDED		RECOVERED				
	Internal Diameter (Min) D		Internal Diameter (Max) d		Total Wall Thickness (Nom) W		Lengths
	MM	IN	MM	IN	MM	IN	MM
2510100951C	10.0	0.394	3.5	0.138	1.00	0.039	50
2510170951B	17.0	0.669	5.0	0.197	1.20	0.047	50
2510220951A	22.0	0.866	7.5	0.295	2.50	0.098	50
2510300951A	30.0	1.181	9.0	0.354	2.00	0.079	50
2510350951D	35.0	1.378	13.0	0.512	1.90	0.075	62
2510420951B	42.0	1.654	15.0	0.591	2.50	0.098	62
2510500952A	50.0	1.969	15.0	0.591	2.50	0.098	62
2510620955A	62.0	2.441	25.4	1.000	2.40	0.094	62

DERAY®-ColdMelt Butylstrip

DIMENSIONS						
Width		Thickness		Length		Delivery Units
MM	IN	MM	IN	MM	IN	pieces
Cut Length in Cardboard						
19.0	0.748	15	0.059	25 to 110	0.984-4.330	3000
19.0	0.748	19	0.074	25 to 110	0.984-4.330	1000
Cut Length on Reel						
19.0	0.748	15	0.059	25 to 110	4.330	180
19.0	0.748	19	0.074	25 to 110	4.330	180

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