



## DERAY®-COLDMELT I 125°C – WATER BLOCKING SYSTEM

The DERA Y®-ColdMelt I is the ultimate water blocking system for automotive wire harness feed-through locations.

### FEATURES AND BENEFITS

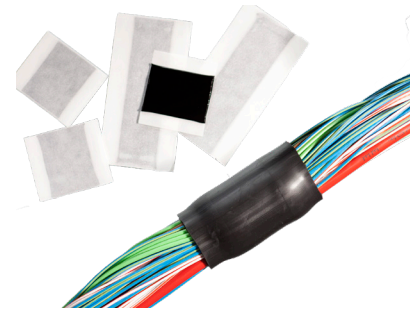
- A specially designed heat shrink tube and mastic strip that seals 100% of the time
- Low temperature installation that reduces thermal stress and protects the cable insulation
- Cables are embedded individually into the mastic strips forming a barrier against fluids and moisture penetration
- Accommodates and seals harness bundles of up to 130 cables
- Flexible installation allows adaption to the production environment
- Grommet standardization
- Good adhesion on PVC, XLPE and PP-EPDM cable insulation
- Continuous operating temperature: -40°C to 125°C

### STANDARDS

- Approved to major OEM water blocking specifications

### TYPICAL APPLICATIONS

- Water/moisture ingress elimination



100%  
SEALING

-40°C to 125°C  
(-40°F TO 257°F)  
CONTINUOUS OPERATING  
TEMPERATURE

### MARKETS:

Automotive, Industrial

### STANDARDS:



# Water Blocking System

## DIMENSIONS: DERAY®-CS HEAT SHRINK TUBE

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

## DIMENSIONS: DERAY®-COLDMELT BUTYLSTRIP

WIDTH		THICKNESS		LENGTH		DELIVERY UNITS
MM	IN	MM	IN	MM	IN	PIECES
Cut Length in Cardboard						
19.0	0.748	1.5	0.059	25 - 110	0.984 - 4.330	3000

## INSTALLATION

The 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:
  - Packaging: Cut pieces or reel
- Please specify the product name, order number and options you require
- *Example:* DERAY®-CS 10-3.5 black, DERAY®-ColdMelt 19-1.5 / 125°C, 50 mm cut length in cardboard

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

## FOR FURTHER INFORMATION, PLEASE CONTACT:

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