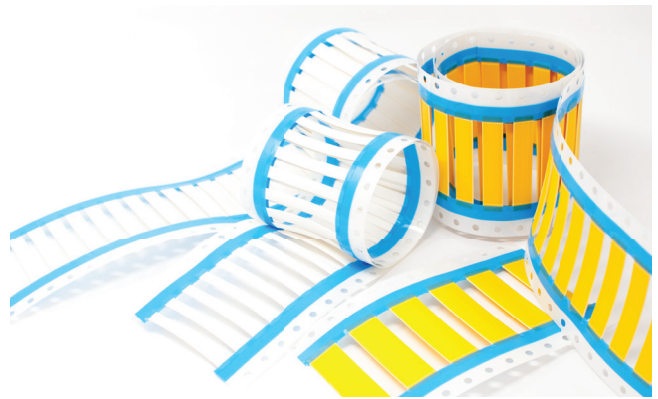


DMS DR

Diesel resistant heat shrink identification sleeve

Diesel resistant printable permanent identification sleeve.



Features and Benefits

- Diesel resistant
- Excellent for extreme conditions in aerospace, rail and construction industries
- Continuous operating temperature: -55°C to 135°C
- Shrink ratio: 3:1

Standards

- SNCF qualified in accordance with NFF00-608 Category A and H
- EN 50343*
- SAE AS81531 4.6.2*
- MIL-STD-202G Methode 215*

Typical Applications

- Cable identification

3:1

Shrink ratio

-55°C - 135°C
(-67°F to 275°F)

Continuous
operating
temperature

Markets:

Rail, Military, Aerospace, Offshore, Marine

Standards:



RoHS

*Hardware used "XD4" printer from CAB and "RBZ11DR" ribbon from DSG-Canusa.

DMS DR

ORDER NUMBER	EXPANDED	RECOVERED		DELIVERY UNITS
	INTERNAL DIAMETER (MIN) D	INTERNAL DIAMETER (MAX) D	TOTAL WALL THICKNESS (NOM) W	PIECES PER REEL
	<i>mm (in)</i>	<i>mm (in)</i>	<i>mm (in)</i>	
DMS DR 2.4	2.4 (3/32)	0.8 (0.031)	0.50 (0.020)	5,000
DMS DR 3.2	3.2 (1/8)	1.0 (0.040)	0.50 (0.020)	5,000*
DMS DR 4.8	4.8 (3/16)	1.6 (0.063)	0.50 (0.020)	2,500*
DMS DR 6.4	6.4 (1/4)	2.0 (0.079)	0.55 (0.022)	2,500*
DMS DR 9.5	9.5 (3/8)	3.0 (0.118)	0.55 (0.022)	1,000*
DMS DR 12	12.7 (1/2)	4.0 (0.157)	0.55 (0.022)	1,000
DMS DR 18	19.0 (3/4)	6.0 (0.236)	0.60 (0.024)	1,000
DMS DR 25	25.4 (1)	8.0 (0.315)	0.70 (0.028)	1,000
DMS DR 38	38.1 (1 1/2)	18.0 (0.709)	0.70 (0.028)	500

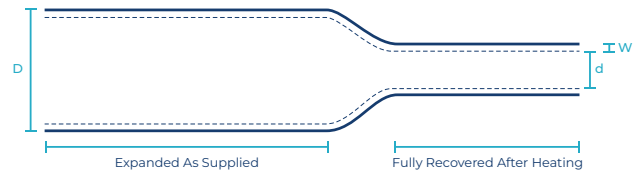
*Different delivery units per request.

Ordering

Select a dimension which will shrink snugly over the component to be covered. If recovery is restricted the resultant wall thickness will be less than specified.

- Select options:
 - Color: Yellow (YL)
 - Perforation and lengths: no perforation (P0) with 50 mm lengths, 1 perforation (P1) with 25 mm lengths, 2 perforations (P2) with 16,6 mm lengths, 3 perforations (P3) with 12,5 mm lengths
- Please specify the product name, order number and options you require
- Example: DMS DR, P1, 4.8, yellow, 1,000 pieces

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



We advise that customers should separately evaluate the suitability of our products for their particular application. Our responsibilities are only those listed in our Standard Terms and Conditions of Sale for these products. Please ask for the latest version of this data sheet. Subject to modification without prior notice.

For further information, please contact:

Americas: 800 422 6872
Canada: 800 845 6808

Asia Pacific: +86 512 82280099
Europe: +49 2226 9047 355

Technical data

PROPERTY	CURRENT VALUES	TEST METHODS
MATERIAL		
Material	Polyofelin, modified; Reach & RoHs compliant	n/a
Shrink ratio	3:1	n/a
Longitudinal shrinkage	- 10% max.	IEC 60684-2
Specific gravity	1.35 g/cm ³	ISO/R 1183
MECHANICAL		
Tensile strength	19 MPa min.	IEC 60684-2
Elongation	480% min.	IEC 60684-2
THERMAL		
Elongation after thermal ageing (168 h at 175°C)	300%	IEC 60684-2 section 19.1
Thermal shock (4 h at 250°C)	No cracking, dripping or flowing	ASTM D 2671
Cold bend test	Does not break at -55°C	IEC 60684-2 section 14
Shrink temperature	135°C	n/a
Continuous operating temperature	-55°C to 135°C	n/a
Storage temperature	40°C max.	ASTM D 2671
Flammability	Self Extinguish < 30sec	NF 00-608 Section 5.5.8
CHEMICAL		
Tensile strength after immersion in Mineral Oil No 2 (70 h at 50°C)	18 MPa	NF 00-608 Section 5.5.3
Elongation after immersion in Mineral Oil No 2 (70 h at 50°C)	550 %	NF 00-608 Section 5.5.3
Tensile strength after immersion in Diesel (168 h at 70°C)	14 MPa	NF 00-608 Section 5.5.4
Elongation after immersion in Diesel (168 h at 70°C)	525 %	NF 00-608 Section 5.5.4
Tensile strength after immersion in Acid HCl (168 h at 23°C)	18 MPa	NF 00-608 Section 5.5.5
Elongation after immersion in Acid HCl (168 h at 23°C)	400 %	NF 00-608 Section 5.5.5
Tensile strength after immersion in Base NaOH (168 h at 23°C)	18 MPa	NF 00-608 Section 5.5.5
Elongation after immersion in Base NaOH (168 h at 23°C)	545 %	NF 00-608 Section 5.5.5
Water absorption	0.20 %	NF 00-608 Section 11.4.9
ELECTRICAL		
Dielectric strength	20 kV/mm	IEC 243

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