

Features

- Low smoke generation – excellent fire safety characteristics
- Emissions of toxic fumes are well below the levels required to meet the relevant standards
- Special packing enables immediate installation on the application
- Flexible
- Flame retardant
- Good fluid resistance
- Soft surface finish supports good printability
- Shrink ratio: 2:1
- Continuous operating temperature: -40°C to 125°C
- Shrink temperature: 120°C min.

Halogen Free EN45445 Heat Shrink Cable Marker

RS STOCK NO.:

869585,869586,869587, 869588, 869589, 869591, 869592, 869593,
869594, 869595, 869596, 869597, 869598, 869599, 869600, 869601,
869602, 869603



RS PRO is the own brand of RS. The RS PRO Seal of Approval is your assurance of professional quality, a guarantee that every part is rigorously tested, inspected, and audited against demanding standards. Making RS PRO the Smart Choice for our customers.

Product Description

- Halogen free, flame retardant heat shrink identification sleeve
- Zero halogen & low smoke heat shrink identification sleeve. The product complies with the stringent requirements of the European rail norm EN45545-2 and the HL3 R22/R23 classification and even exceeds those
- The material is suitable for use in all classes required for the construction of locomotives and rolling stock. It is also suitable for use in underground environments as well as marine, military and aerospace applications
- Cable identification
- Used in mass transit, subways, defense, aerospace, offshore, marine and industrial markets

General Specifications

Affixing Method	Heat shrink
Colour	White / Yellow
Quantity	500; 1,000; 2,500
Material	Polyofelin, modified; free of lead, cadmium and halogen
Printable	Yes
Fire Behaviour	Flame Retardant
Print Method	Thermal transfer
Application	Cable Identification

Electrical Specifications

Dielectric Strength	20KV/mm
Volume Resistivity	10^{13} ohm-cm

Mechanical Specifications

Minimum Cable Diameter	Please see below chart
Maximum Cable Diameter	Please see below chart
Dimension	Please see below chart
Length	Please see below chart
Width	Please see below chart
Height	Please see below chart
Tensile Strength	7 MPa min.
Ultimate Elongation	200% min.
Elongation after thermal ageing (168h at 136°C)	100%
Thermal shock (4h at 180°C)	No cracking, no dripping

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>	
2.4 (3/32)	1.2 (3/64)	0.51 (0.020)	2,500
3.2 (1/8)	1.6 (1/16)	0.51 (0.020)	2,500
4.8 (3/16)	2.4 (3/32)	0.51 (0.020)	1,000
6.4 (1/4)	3.2 (1/8)	0.64 (0.025)	1,000
9.5 (3/8)	4.8 (3/16)	0.64 (0.025)	1,000
12.7 (1/2)	6.4 (1/4)	0.64 (0.025)	500
19.0 (3/4)	9.5 (3/8)	0.76 (0.030)	500
25.4 (1)	12.7 (1/2)	0.89 (0.035)	500
38.1 (1 1/2)	19.0 (3/4)	1.02 (0.040)	500

Operation Environment Specifications

Minimum Operating Temperature	-40°C
Maximum Operating Temperature	125°C
Operating Temperature Range	-40°C to 125°C

Approvals

Compliance/Certifications	EN45545-2 HL3 R22/R23 / CSA OFT / RoHs / EN 50343*
Standards Met	LUL E 1042 A6 / BS 6853 vehicle category 1a / MIL-STD-202G Methode 215*

ILLUSTRATIONS / STANDARD ACCESSORIES /

