

DERAY®-ZOH125 – HALOGEN FREE HEAT SHRINK TUBING

Halogen free flame retardant heat shrink tubing

Zero halogen & low smoke heat shrink tubing. 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.

FEATURES AND BENEFITS

- Low smoke generation - excellent fire safety characteristics
- Emissions of toxic fumes are well below the levels required to meet the relevant standards
- Flexible
- Flame retardant
- Good fluid resistance
- Shrink ratio: 2:1
- Continuous operating temperature: -40°C to 125°C
- Shrink temperature: 120°C min.

STANDARDS

- EN45545-2 HL3 R22 & R23
- LUL E 1042 A6
- BS 6853 vehicle category 1a
- DIN 5510

TYPICAL APPLICATIONS

- Insulation of electrical components in mass transit applications
- Mechanical and environmental protection in the marine, military, aerospace and heavy industry
- General fire safety applications where there is a risk to people or equipment



2:1
SHRINK RATIO

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

MARKETS:

Mass Transit, Subways, Defense, Offshore, Marine, Industrial, Commercial

STANDARDS:



EN
45545-2

Halogen free heat shrink tubing

DIMENSIONS

ORDER NUMBER	EXPANDED		RECOVERED				DELIVERY UNITS	
	Internal Diameter (min) D		Internal Diameter (max) d		Total Wall Thickness (nom) W		Spool	
	MM	IN	MM	IN	MM	IN	M	FT
0094	2.4	3/32	1.2	3/64	0.51	0.020	100	328
0125	3.2	1/8	1.6	1/16	0.51	0.020	100	328
0187	4.8	3/16	2.4	3/32	0.51	0.020	75	246
0250	6.4	1/4	3.2	1/8	0.64	0.025	75	246
0375	9.5	3/8	4.8	3/16	0.64	0.025	75	246
0500	12.7	1/2	6.4	1/4	0.64	0.025	50	164
0750	19.0	3/4	9.5	3/8	0.76	0.030	30	98
1000	25.4	1	12.7	1/2	0.89	0.035	30	98
1500	38.1	1 1/2	19.0	3/4	1.02	0.040	30	98



ORDERING

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

- Select options:
 - Color: Black (BK), yellow (YL), white (WT)
 - Printing: Printed or unprinted
 - Length: Continuous reels
- Please specify the product name, order number and options you require
- *Example:* DERAY®-ZoH125, 0125, black, unprinted, 100 m reel

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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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 catalog. Subject to modification without prior notice.