

DERAY®-KSF

Heavy wall anti-track heat shrinkable tubing specifically designed for insulating medium voltage bus bars

Features

- Reduces bus bar clearance requirements
- Protects against accidental flash-over
- Anti-track
- Halogen free
- Continuous Operating Temperature: -40°C to 135°C
- Shrink Temperature: 125°C



Dimensions

EXPANDED	RECOVERED		DELIVERY UNITS
INTERNAL DIAMETER (MIN) D	INTERNAL DIAMETER (MAX) D	WALL THICKNESS (NOM) w	RED
mm	mm	mm	m
19,0	6,0	2,00	50
25,0	10,0	4,10	50
32,0	12,0	2,80	50
38,0	12,0	2,80	50
43,0	19,0	3,50	25
45,0	16,0	4,10	25
52,0	19,0	3,50	25
58,0	19,0	3,50	25
68,0	25,0	3,50	25
76,0	32,0	3,50	15
100,0	40,0	4,10	10

Technical Data

Physical

Property	Test Method	Typical Performance
Tensile Strength	IEC 60684-2	14 MPa
Elongation	IEC 60684-2	500%
Longitudinal Change	ASTM-D 2671	6% ± 3% max.
Secant Modulus	ASTM-D 882	30 MPa max.
Specific Gravity	ASTM-D 792, A-I	1,2 g/cm ³ max.
Elongation after Heat Shock (4 hrs at 200°C)	IEC 811-1-2	450%
Tensile Strength after Heat Shock (4 hrs at 200°C)	IEC 811-1-3	11 MPa
Low Temperature Flexibility	ASTM-D 2671 Meth. C	does not break at -40°C
Flammability	FMVSS 302	passed

Standard Colours	Special Colours
red 	Not Available

Electrical

Property	Test Method	Typical Performance
Dielectric Strength	VDE 0303 Part 2	20 kV/mm
Volume Resistivity	VDE 0303 Part 3	10 ¹⁴ Ω x cm
Comparative Tracking Index	IEC 112	CTI 600<0,1

Chemical

Property	Test Method	Typical Performance
Corrosive Action	ASTM-D 2671 Meth. A	non-corrosive
Copper Compatibility	ASTM-D 2671 Meth. B	non-corrosive
Water Absorption	VDE 0472	0,20%

Ordering: **Specify the product name** plus each of the following options: 1) Size 2) Colour 3) Total Quantity + Delivery Unit
For example: DERAY®-KSF 19/6, red, 500 mtr., 50 m-spool, unprinted