

DERAY IAKT 3X

Thin Wall Adhesive Lined Radiation Cross linked Polyolefin.
IAKT is a heat shrink tubing which is ideal for effective moisture resistant insulation.

Features:

- Flexible
- Flame Retardant
- Resistant to common fluids
- Continuous Operating Temperature: -55°C to 110°C
- Shrink Temperature: 120°C
- IP68 sealing
- 3:1 Shrink Ratio



Internal Diameter Min	Internal Diameter Max	Wall Thickness Overall NOM W	Wall Thickness Adhesive NOM W	Black		Black and Coloured	
				Reel (M)	Style	Reel (M)	Style
(mm)	(mm)	(mm)	(mm)				
3.0	1.0	1.00	0.40	300	O	150	O
4.5	1.5	1.10	0.50	300	O	75	O
6.0	2.0	1.20	0.50	300	O	75	O
9.0	3.0	1.40	0.50	150	O	75	O
12.0	4.0	1.70	0.60	100	O	50	O
19.0	6.0	2.10	0.60	50	O	30	O
24.0	8.0	2.40	0.70	50	O	30	O
40.0	13.0	2.40	0.70	30	O	-	
O: Airfilled				F : Flat			
O**: black only (colours flattened)				R : Upon Request			

Code Example: IAKT3X0030BK300MR Product, Size, Colour and reel length required

All information shown, including illustrations is believed to be reliable. Users, however, should independently evaluate the suitability of the product for their application. Sleeve It makes no warranties as to the accuracy or completeness of the information and disclaims any liability regarding its use. In no case will Sleeve It be liable for any incidental, indirect or consequential damages arising from the sale, resale, use or misuse of the product. Sleeve It specifications are subject to change without notice. In addition Sleeve It reserves the right to make changes in materials and processing, without notification to the buyer, which do affect compliance with any applicable specification.

DERAY IAKT 3X

Technical Data:

Physical

Property	Test Method	Typical Performance	Typical Performance
		COLOURED	CLEAR
Tensile Strength	IEC 811-1-1	15.0 MPa	17.0 MPa
Elongation	IEC 811-1-1	400%	450% Clear
Longitudinal Change		-15% Max	-15% Max
Specific Gravity		1.25 g/cm ₃	1.00 g/cm ₃
Elongation after Heat Aging (168 hrs at 150°C)	IEC 811-1-2	320%	360%
Tensile Strength after Heat Aging (168 hrs at 150°C)	IEC 811-1-2	14 MPa	15 MPa
Elongation Heat Shock (4hrs at 200°C)	IEC 811-1-2	360%	380%
Tensile Strength after Heat Shock (4hrs at 200°C)	IEC 811-1-2	15 MPa	16 MPa
Low Temperature Flexibility	ASTM-D 2671Meth.C	No Break at -55°C	No Break at -55°C
Flammability	ASTM-D 876 (coloured) FMVSS 302 (clear)	Flame Retardant Jacket	Pass

Electrical

Property	Test Method	Typical Performance
Dielectric Strength	VDE 0303 Part 2	22 kV/mm
Volume Resistivity	VDE 0303 Part 3	

Chemical

Property	Test Method	Typical Performance
Corrosive Action	ASTM-D2671 MethA	Non-Corrosive
Copper Compatibility	ASTM-D2671 MethB	Non-Corrosive
Chemical Resistance		Good
Water Absorption	VDE-0472	0.15%

Printability Guide

Hot Stamp	Ink Jet	Offset
Very Good	Good	Good

All information shown, including illustrations is believed to be reliable. Users, however, should independently evaluate the suitability of the product for their application. Sleeve It makes no warranties as to the accuracy or completeness of the information and disclaims any liability regarding its use. In no case will Sleeve It be liable for any incidental, indirect or consequential damages arising from the sale, resale, use or misuse of the product. Sleeve It specifications are subject to change without notice. In addition Sleeve It reserves the right to make changes in materials and processing, without notification to the buyer, which do affect compliance with any applicable specification.