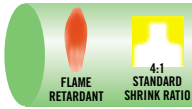




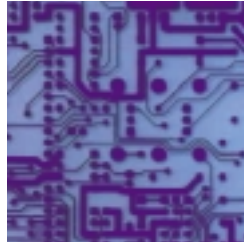
ELECTRICAL  
MECHANICAL  
INSULATION

**SHAW**  
**USA**



Thin Wall Adhesive Lined  
Crosslinked Polyolefin

**DERAY IHKT**

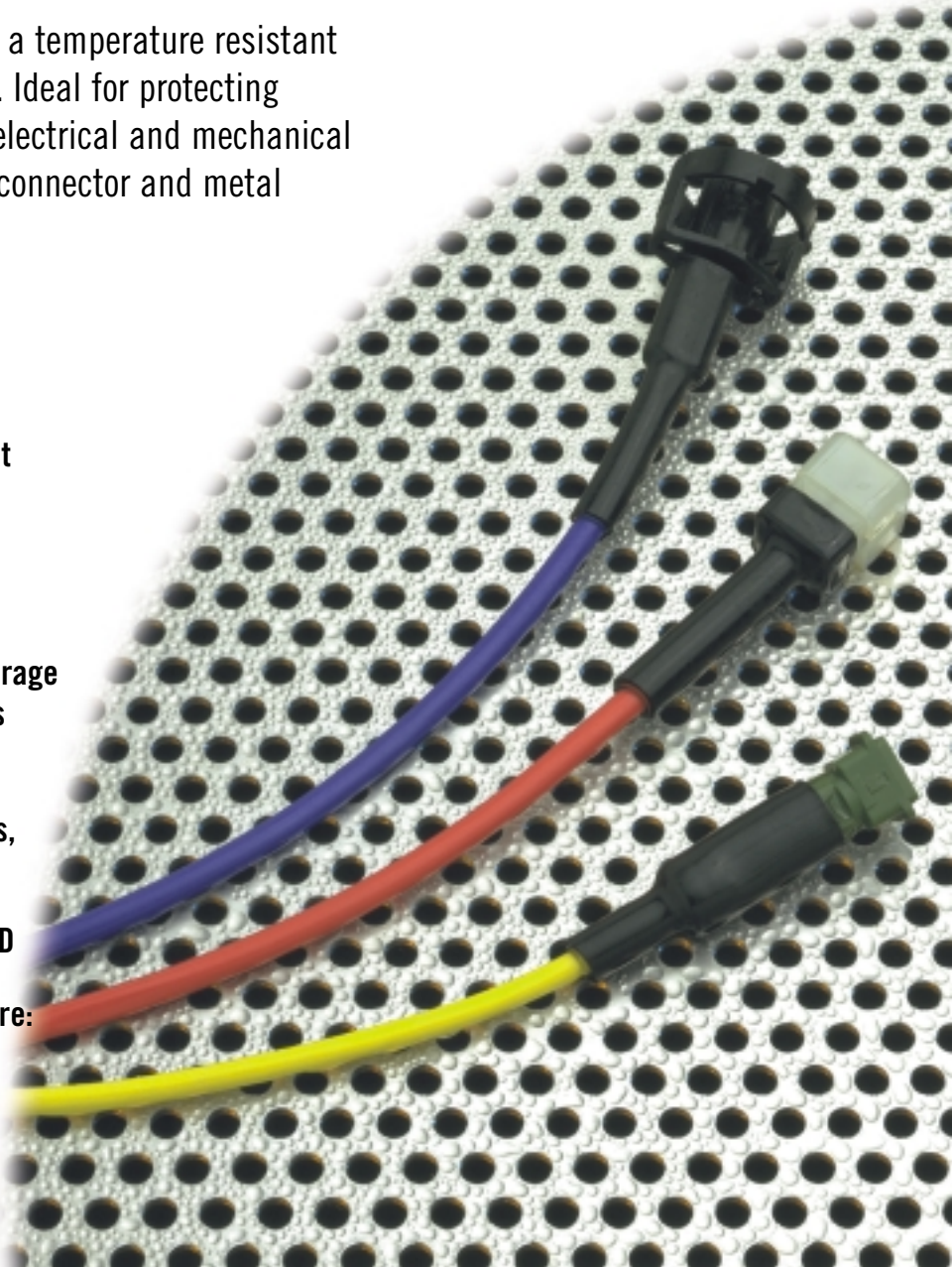


# DERAY IHKT

Flexible Heat Shrink Tubing with a temperature resistant polyamide adhesive inner lining. Ideal for protecting components in a wide range of electrical and mechanical applications where adhesion to connector and metal substrates is critical

## Features

- Specially designed polyamide adhesive protects components at higher temperatures
- Superior sealing against water or other contaminants
- High shrink ratio allows for coverage of irregularly shaped connectors and components
- Inner adhesive bonds to: plastics, rubbers and metals
- Meets: VG 95 343, Part 12, Type D
- Continuous operating temperature: -55°C to 125°C
- Shrink temperature: 100°C



## Technical Data

### Physical

Property	Test Method	Typical Performance
Tensile Strength	ASTM D2671, IEC811-1-1	2000 psi (14 MPa)
Elongation	ASTM D2671, IEC811-1-1	300%
Longitudinal Change	ASTM D792	20% max
Specific Gravity	ASTM D792	1.25 g/cm max
Heat Resistant Properties (168 hrs at 175°C)	ASTM D2671, IEC811-1-1	No cracking or flowing
Heat Shock (160 hrs at 160°C)	ASTM D2671, IEC811-1-1	No cracking or flowing
Low Temperature Flexibility (4 hrs at -55°C)	ASTM D2671	No cracking
Flammability	ASTM D2671	Flame Retardant (except clear)

### Electrical

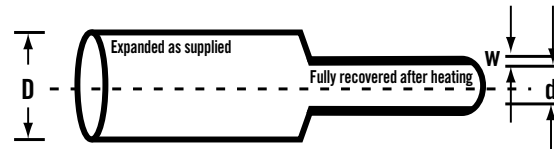
Dielectric Strength	ASTM D2671, VDE 0303	500V/mil (20kV/mm)
Volume Resistivity	ASTM D2671, VDE 0303	10 <sup>13</sup> ohm-cm

### Chemical

Fluid Resistivity		Good to Excellent
Copper Corrosion	ASTM D2671, Meth.A&B	Non-Corrosive
Water Absorption	VDE 04672	0.5% max
Fungus Resistance	ISO 846	Very Good

## Dimensions

ORDER REF. NO. METRIC	ORDER REF. NO. IMPERIAL	EXPANDED				RECOVERED				STANDARD LENGTH				
		INTERNAL DIAMETER (MIN)		INTERNAL DIAMETER (MAX)		TOTAL WALL THICKNESS (NOM)		ADHESIVE WALL THICKNESS (NOM)		AA m	BB FT			
XXXX	YYYY	mm	D	IN	mm	d	IN	mm	w	IN	mm	IN	AA	BB
0040	0157	4.0	0.157	1.0	0.039	1.00	0.039	0.40	0.016	1.2	4			
0080	0315	8.0	0.315	2.0	0.080	1.20	0.045	0.40	0.016	1.2	4			
0120	0472	12.0	0.472	3.0	0.118	1.40	0.055	0.40	0.016	1.2	4			
0160	0630	16.0	0.630	4.0	0.160	1.70	0.066	0.60	0.023	1.2	4			
0240	0945	24.0	0.945	6.0	0.240	2.10	0.083	0.60	0.023	1.2	4			
0320	1260	32.0	1.260	8.0	0.315	2.40	0.094	0.70	0.027	1.2	4			
0520	2047	52.0	2.047	13.0	0.512	2.40	0.094	0.70	0.027	1.2	4			



## 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.

### To Order in Metric Units:

DERAY IHKT - <sup>Order Ref. No.</sup>XXXX - <sup>Options</sup>CC - OO - AA - M  
Color Standard Length

### To Order in Imperial Units:

DERAY IHKT - <sup>Order Ref. No.</sup>YYYY - <sup>Options</sup>CC - OO - BB - I  
Color Standard Length

### Standard Colors (CC)

Order Code	Color
BK	BLACK
CR	CLEAR

\* For additional colors please see price list.

### Options (OO)

Unprinted	00
Printed	01

Lengths: Supplied as cut lengths. Reels available.

Standards: VG 95343 Part 12 Type D

Note: Non-standard colors, sizes and lengths available subject to factory quotation.

## CANUSA

### There's no end to what we cover

CANUSA is a global company providing electrical and mechanical insulation solutions for a variety of industries and applications. Starting from products created by extensive developmental research at Shaw Industries (incorporated 1955), CANUSA is a recognized world leader in the provisioning of high quality heat shrink products.

### EUROPE

CANUSA SYSTEMS LIMITED

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Roborough, Plymouth, U.K. PL6 7EZ

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Fax: 44 (0) 1752-209850

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