



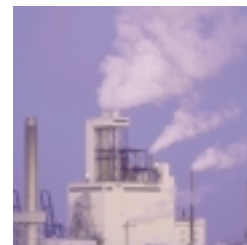
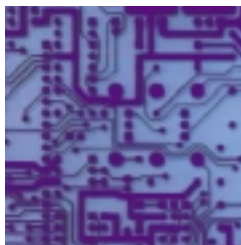
ELECTRICAL
MECHANICAL
INSULATION

CSNUSA



Thin Wall Modified
Crosslinked Fluoropolymer

DERAY
KYF 190



DERAY KYF 190

Flexible, High Temperature Kynar Thin Wall
Heat Shrink Tubing with extreme chemical resistance,
ideal for protecting components in a wide range
of severe temperature and chemical environments

Features

- Flexible
- Highly flame retardant
- High temperature resistance
- Excellent chemical and solvent resistance
- Approved to: UL 224, VW-1
- Continuous operating temperature:
-55°C to 190°C
- Shrink temperature: 175°C



Technical Data

Physical

Property	Test Method	Typical Performance
Tensile Strength	ASTM D2671, IEC811-1-1	4200 psi (30 MPa)
Elongation	ASTM D2671, IEC811-1-1	400%
Longitudinal Change	ASTM D2671	10% max
2% Secant Modulus	ASTM D2671	100,000 psi (300 MPa)
Specific Gravity	ASTM D792	1.80
Elongation after Heat Aging (168 hrs at 215°C)	ASTM D2671, IEC811-1-1	300%
Heat Shock (4 hrs at 275°C)	ASTM D2671, IEC811-1-2	No cracking or flowing
Low Temperature Flexibility (4 hrs at -55°C)	ASTM D2671	No cracking or splitting
Flammability	ASTM D2671	Highly Flame Retardant

Electrical

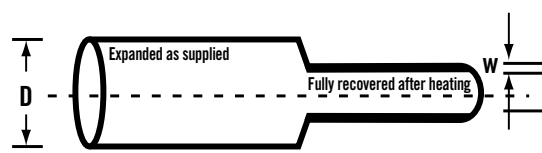
Dielectric Strength	ASTM D2671, VDE 0303	1000V/Mil (40kV/mm)
Volume Resistivity	ASTM D2671, VDE 0303	10 ¹² ohm-cm

Chemical

Fluid Resistivity		Good
Copper Corrosion	ASTM D2671	No Corrosion
Water Absorption	ASTM D570, VDE 0472	0.3%
Fungus Resistance	ISO 846	Very Good

Dimensions

ORDER REF. NO. METRIC	IMPERIAL	EXPANDED		RECOVERED				STANDARD LENGTH	
		INTERNAL DIAMETER (MIN)		INTERNAL DIAMETER (MAX)		WALL THICKNESS (NOM)			
XXXX	YYYY	mm	D IN	mm	d IN	mm	w IN	AA M	BB FT
0012	0047	1.2	3/64	0.6	0.023	0.24	0.009	400	1312
0016	0063	1.6	1/16	0.8	1/32	0.24	0.009	400	1312
0024	0094	2.4	3/32	1.2	3/64	0.24	0.009	400	1312
0032	0125	3.2	1/8	1.6	1/16	0.24	0.009	400	1312
0048	0187	4.8	3/16	2.4	3/32	0.24	0.009	300	984
0064	0250	6.4	1/4	3.2	1/8	0.30	0.012	300	984
0095	0375	9.5	3/8	4.8	3/16	0.30	0.012	150	492
0127	0500	12.7	1/2	6.4	1/4	0.30	0.012	100	328



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.

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

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Fax: 44 (0) 1752-209850

U.S.A.

CANUSA

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Cincinnati, Ohio 45249

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Tel: (513) 683-7800

Fax: (513) 683-7809

CANADA/INTERNATIONAL

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Fax: (416) 743-7199

WORLDWIDE WEB: www.canusa-emi.com

To Order in Metric Units:

DERAY KYF 190 - ^{Order Ref. No.}XXXX - ^{Options}CC - OO - AA - M
Color Standard Length

To Order in Imperial Units:

DERAY KYF 190 - ^{Order Ref. No.}YYYY - ^{Options}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 on continuous spools or cut lengths.

Standards: UL 224, VW-1

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

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