

## DERAY®-KYF 190 – FLEXIBLE THIN WALL KYNAR®

High temperature Kynar® thin wall heat shrink tubing, with extreme chemical resistance ideal for protection of components in a wide range of severe temperature and harsh environments

### FEATURES AND BENEFITS

- Highly flame retardant
- Flexible
- High temperature resistance
- Excellent chemical and solvent resistance
- Additionally available in RAL2003 orange color
- Shrink ratio: 2:1
- Continuous operating temperature: -55°C to 190°C
- Shrink temperature: 175°C min.

### STANDARDS

- VW 60360-3
- UL 224 125C VW-1 - UL file # E132910
- QPL SAE AS23053/18 Class 2
- CNES approved and listed in Matrex database
- ECSS-Q-ST-70-02

### TYPICAL APPLICATIONS

- High temperature performance that meets or exceeds military, industrial and automotive standards
- Provides excellent electrical insulation
- High flexible and abrasion resistance requiring applications
- Protective see through covering for high temperature and aggressive chemical applications
- Protecting component for connectors and HV cable-lugs in electric vehicles



# 2:1

SHRINK RATIO

-55°C to 190°C  
(-67°F to 374°F)

CONTINUOUS OPERATING  
TEMPERATURE

### MARKETS:

Automotive, Industrial, Defense,  
Aerospace, Mass Transit

### STANDARDS:



QPL

Kynar® is a registered trademark of ATOFINA

DSG-CANUSA PRODUCTS | [dsgcanusa.com](http://dsgcanusa.com)

Version: 10 2020/SEPT/30

 **SHAWCOR**

# Flexible thin wall Kynar®

## DIMENSIONS

ORDER NUMBER	EXPANDED		RECOVERED				DELIVERY UNITS		
	Internal Diameter (min) D		Internal Diameter (max) d		Total Wall Thickness (nom) W		Spool		Lengths
	MM	IN	MM	IN	MM	IN	M	FT	1.22M / 48IN
0047	1.2	3/64	0.6	0.024	0.24	0.009	300	984	25
0063	1.6	1/16	0.8	0.031	0.24	0.009	300	984	25
0094	2.4	3/32	1.2	0.047	0.24	0.009	300	984	25
0125	3.2	1/8	1.6	0.063	0.24	0.009	300	984	25
0187	4.8	3/16	2.4	0.094	0.24	0.009	300	984	25
0250	6.4	1/4	3.2	0.126	0.30	0.012	300	984	10
0375	9.5	3/8	4.8	0.189	0.30	0.012	150	492	10
0500	12.7	1/2	6.4	0.252	0.30	0.012	100	328	10
0591*	15.0	0.591	6.4	0.252	0.80	0.031	100	328	-

\*Size 0591 in black and clear against MOQ



## 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: Clear (CL), black (BK) & orange (OE)
  - Approval: Standard or QPL
- Please specify the product name, order number and options you require
- Example:* DERAY®-KYF 190, 0125 or 1/8 in, clear, QPL

Please contact your Customer Service Representative for information on custom colors, sizes, lengths and material data sheet.

## FOR FURTHER INFORMATION, PLEASE CONTACT:

Americas: 800 422 6872

Canada: 800 845 6808

Asia Pacific: +86 512 82280099

Europe: +49 2226 9047 355

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 data sheet. Subject to modification without prior notice.