

DERAY®-KY 175

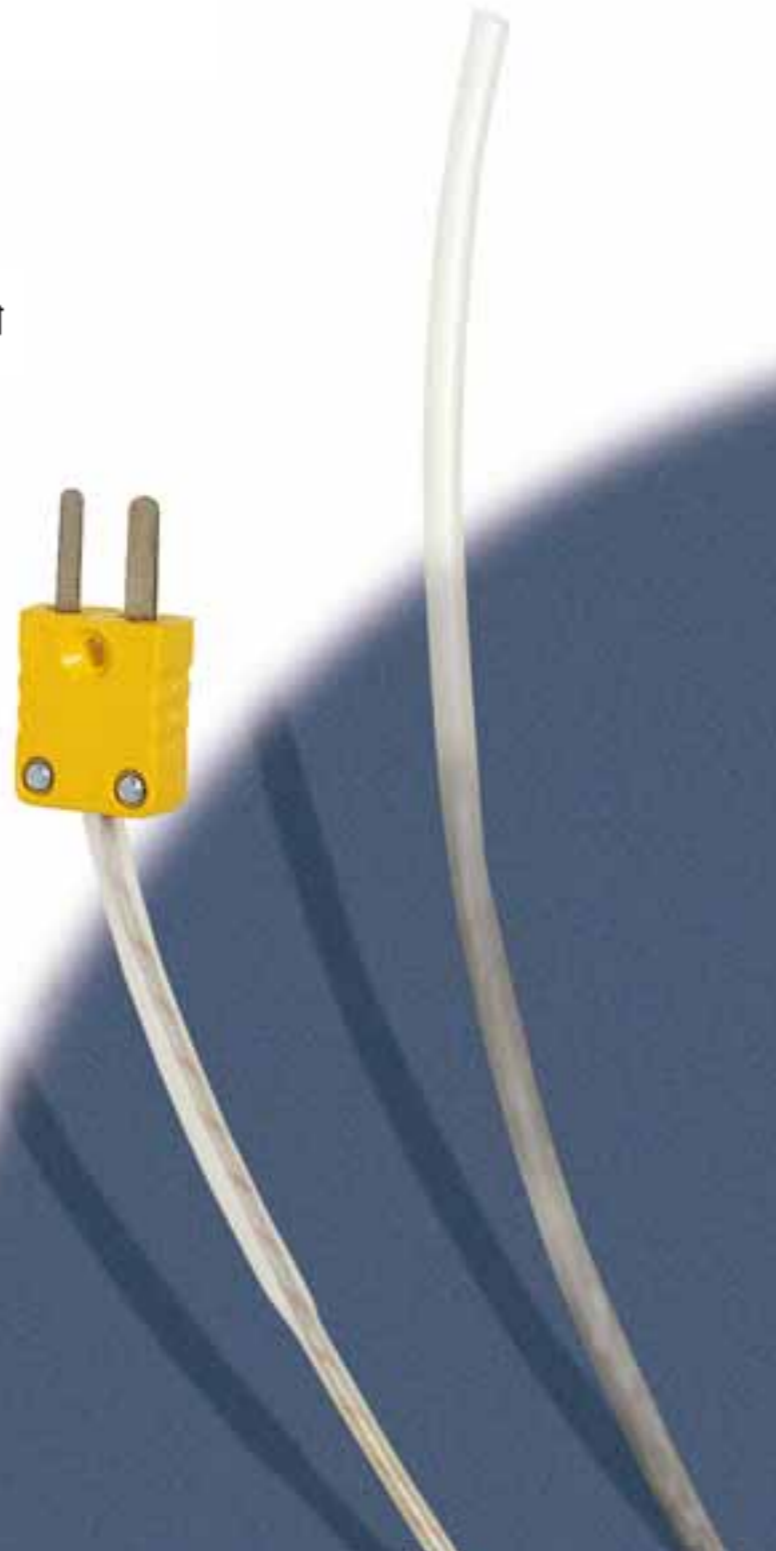
Semi-rigid thin wall Kynar®* heat shrink tubing, ideal for electronic, automotive and military applications requiring protection and see-through inspection



Features

- Highly flame retardant, UL-224 VW-1 & CSA OFT
- High withstand to abrasion and cut-through
- Excellent chemical and solvent resistance
- Meets MIL - DTL - 23053/8
- Continuous Operating Temperature: -55°C to 175°C
- Shrink Temperature: 175°C

* Kynar® is a registered trademark of ATOFINA



Dimensions

EXPANDED		RECOVERED		DELIVERY UNITS				
INTERNAL DIAMETER (MIN) D		INTERNAL DIAMETER (MAX) D	WALL THICKNESS (NOM) w	Clear		Clear		Lengths 1.22 m
mm	IN	mm	mm	Spool Length	Style*	Spool Length	Style*	
				m		m		
1,2	3/64	0,6	0,24	300	o	150	o	30,5 m
1,6	1/16	0,8	0,24	300	o	150	o	30,5 m
2,4	3/32	1,2	0,24	300	o	150	o	30,5 m
3,2	1/8	1,6	0,24	300	o	150	o	30,5 m
4,8	3/16	2,4	0,24	300	o	75	o	30,5 m
6,4	1/4	3,2	0,30	300	o	75	o	12,2 m
9,5	3/8	4,8	0,30	150	-	75	-	12,2 m
12,7	1/2	6,4	0,30	100	-	50	-	12,2 m
19,0	3/4	9,5	0,40	50	-	30	-	12,2 m
25,4	1	12,7	0,50	50	-	30	-	12,2 m

* o = airfilled or oval - = flattened

Technical Data

Physical

Property	Test Method	Typical Performance
Tensile Strength	IEC 60684-2	50 MPa
Elongation	IEC 60684-2	450%
Longitudinal Change	ASTM-D 2671	6% max.
Secant Modulus	ASTM-D 882	750 MPa max.
Specific Gravity	ASTM-D 792, A-I	1,8 g/cm ³
Elongation after Heat Aging (168 hrs at 200°C)	IEC 811-1-2	230%
Tensile Strength after Heat Aging (168 hrs at 200°C)	IEC 811-1-2	40 MPa
Elongation after Heat Shock (4 hrs at 250°C)	IEC 811-1-2	300%
Tensile Strength after Heat Shock (4 hrs at 250°C)	IEC 811-1-2	48 MPa
Low Temperature Flexibility	ASTM-D 2671 Meth. C	does not break at -55°C
Flammability	UL 224 VW-1	flame retardant

Standard Colours	Special Colours
clear	black

Electrical

Property	Test Method	Typical Performance coloured
Dielectric Strength	VDE 0303 Part 2	31,5 kV/mm
Volume Resistivity	VDE 0303 Part 3	10 ¹³ Ω x cm

Chemical

Property	Test Method	Typical Performance coloured
Corrosive Action	ASTM-D 2671 Meth. A	non-corrosive
Copper Compatibility	ASTM-D 2671 Meth. B	non-corrosive
Chemical Resistance		very good
Water Absorption	VDE 0472	0,07%

Printability	Hot stamp	Ink jet	Offset
	very good	good	good

Ordering: **Specify the product name** plus each of the following options: 1) Size 2) Colour 3) Total Quantity + Delivery Unit 4) Printing Options
For example: DERAY®-KY 175 1/8" clear, 2.100 mtr., 300m-spool, unprinted