

Cross Reference	
RW-175	Raychem/Tyco
DERAY KY175	DSG-Canusa
Kynar	3M



UPPVDF

UNION POLYMER KYNAR THIN WALL PVDF HEAT SHRINKABLE TUBING





Shrink ratio 2:1

Meets SAE-AMS-DTL-23053/8

Protect against high temperature and fluids

FEATURES AND APPLICATIONS

- Semi-rigid, cross-linked thin wall PVDF
- Designed for electronic, automotive and military applications in aggressive environments requiring 175C high temperature protection and see through inspection
- Excellent abrasion resistance
- Excellent chemical and solvent resistance
- Highly flame retardant meets UL224 VW-1 standard
- Operating temperature: -55°C to 175°C
- Shrink temperature: 175°C

DIMENSIONS (HEAT SHRINK RATIO 2:1)

Product Order Number	Internal Diameter Expanded As Supplied		Internal Diameter After Unrestricted Shrinkage		Wall Thickness After Shrinkage		Standard Length per Spool	
	inch	mm	inch	mm	inch	mm	m	ft
3/64	3/64	1.2	3/128	0.6	0.011	0.28	200	600
1/16	1/16	1.6	1/32	0.8	0.013	0.32	200	600
3/32	3/32	2.4	3/64	1.2	0.015	0.38	200	600
1/8	1/8	3.2	1/16	1.6	0.016	0.40	200	600
3/16	3/16	4.8	3/32	2.4	0.020	0.52	100	300
1/4	1/4	6.4	1/8	3.2	0.022	0.55	100	300
3/8	3/8	9.5	3/16	4.8	0.024	0.60	1.2	4
1/2	1/2	12.7	1/4	6.4	0.026	0.65	1.2	4
3/4	3/4	19.1	3/8	9.5	0.031	0.80	1.2	4
1	1	25.4	1/2	12.7	0.035	0.90	1.2	4
1½	1½	38.1	3/4	19.1	0.039	1.00	1.2	4

TECHNICAL DATA

Property		Test method	Values
Physical	Tensile strength	ASTM D638	≥30 MPa
	Breakdown elongation	ASTM D638	≥150%
Aging	Tensile strength	180C/168hrs	≥ 24 MPa
	Breakdown elongation	180C /168hrs	≥100%
	Elasticity	180C /168hrs	No cracking
	Heat resistance	300C/hr	No cracking
	Distortion	150C/hr	≤ 50%
	Incison modulus	--	≥84.4 MPa
Electrical	Volume resistivity	ASTM D876	≥10 ¹³ Ω.cm
	Dielectric strength	ASTM D2671	≥15 KV/mm
Chemical	Flammability	UL224	VW-1
	Copper corrosion	180C/168hrs	No corrosion
	Copper stability	180C/168hrs	Stable

ORDERING

- Please specify:
 - ◆ Product Name and Order Number
 - ◆ Quantity
 - ◆ Printing options (standard printed, customize printed, or unprinted)

Order Example: UPPVDF, 3/4", 2000 FT, unprinted