


Cross Reference	
VITON RW-200	Raychem/Tyco
DERAY VT220	DSG-Canusa
Viton	3M



UPVT200

UNION POLYMER FLUOROPOLYMER HEAT SHRINKABLE TUBING





Shrink ratio 2:1

SAE-AMS-DTL-23053/13

Resistance to fluids and elevated temperatures

FEATURES AND APPLICATIONS

- Cross-linked fluoropolymer compound
- High resistance to corrosive fluids in extreme temperatures
- Flexible at low temperature without cracking
- Flame retardant
- Standard color: Black
- RoHS and REACH compliant
- Operating temperature: -65°C to 200°C; Shrink temperature: 220°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
3/32	3/32	2.4	3/64	1.2	0.030	0.75	200	600
1/8	1/8	3.2	1/16	1.6	0.035	0.90	100	300
3/16	3/16	4.8	3/32	2.4	0.035	0.90	100	300
1/4	1/4	6.4	1/8	3.2	0.035	0.90	100	300
3/8	3/8	9.5	3/16	4.8	0.035	0.90	100	300
1/2	1/2	12.7	1/4	6.4	0.042	1.10	100	300
3/4	3/4	19.1	3/8	9.5	0.049	1.25	50	150
1	1	25.4	1/2	12.7	0.055	1.40	50	150
1½	1½	38.1	3/4	19.1	0.055	1.40	30	100
2	2	50.8	1	25.4	0.065	1.65	30	100

TECHNICAL DATA

Property		Test method	Values
Physical	Longitudinal shrinkage	ASTM D 2671	≤5%
	Tensile strength	ASTM D 2671	≥12 MPa
	Breakdown elongation	ASTM D 2671	≥400%
Aging (250C/168hrs)	Tensile strength	ASTM D 2671	≥10 MPa
	Breakdown elongation	ASTM D 2671	≥300%
	Heat shock(300C/4hrs)	ASTM D 2671	No cracking
	Low temperature flexibility(-55C/4hrs)	ASTM D 2671	No cracking
Electrical	Dielectric voltage Withstand	ASTM D 2671	2500V,60s No breakdown
	Volume resistivity	ASTM D 2671	≥10 ⁹ Ω.cm
	Dielectric strength	ASTM D2671	≥12 KV/mm
Chemical	Flammability	ASTM D2671	Self-extinguish in 15s
	Copper corrosion	ASTM D2671	No corrosion
Fluids resistance (23C/24hrs)			
	Breakdown elongation	ASTM D2671	≥400%
	Dielectric strength	ASTM D2671	≥12 KV/mm

ORDERING

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

Order Example: UPVT200, 3/4", Black, 2000 FT, unprinted