


Cross Reference	
DR25	Raychem/Tyco
DERAY V25	DSG-Canusa
R120	Sumitomo



UPDR25

UNION POLYMER DIESEL RESISTANT ELASTOMERIC HEAT SHRINKABLE TUBING





Shrink ratio 2:1

Meets SAE-AMS-DTL-23053/16 standards

Excellent resistance to diesel, chemicals and hydraulic fluids

FEATURES AND APPLICATIONS

- Cross-linked specially formulated elastomeric compounds
- Ideal for protecting cables, wire harnesses and connectors in transportation and military applications where resistance to diesel fuels, hydraulic fluids, lubricating oils and other chemical solvents is critical
- Flexible
- Flame retardant
- Standard color: Black
- RoHS and REACH compliant
- Operating temperature: -75°C to 150°C
- Shrink temperature: 150°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	0.02	0.51	200	600
1/8	1/8	3.2	1/16	1.6	0.03	0.76	100	300
3/16	3/16	4.8	3/32	2.4	0.03	0.84	100	300
1/4	1/4	6.4	1/8	3.2	0.04	0.89	100	300
3/8	3/8	9.5	3/16	4.8	0.04	1.02	50	150
1/2	1/2	12.7	1/4	6.4	0.05	1.22	50	150
3/4	3/4	19.1	3/8	9.5	0.06	1.45	30	100
1	1	25.4	1/2	12.7	0.07	1.78	30	100
1½	1½	38.1	3/4	19.1	0.09	2.41	30	100
2	2	50.8	1	25.4	0.11	2.79	25	75

TECHNICAL DATA

	Property	Test method	Values
Physical	Longitudinal shrinkage	ASTM D 2671	≤5%
	Tensile strength	ASTM D 2671	≥13 MPa
	Breakdown elongation	ASTM D 2671	≥400%
Aging (150C/168hrs)	Tensile strength	ASTM D 2671	≥12 MPa
	Breakdown elongation	ASTM D 2671	≥300%
	Heat shock(215C/4hrs)	ASTM D 2671	No cracking
	Low temperature flexibility(-75C/4hrs)	ASTM D 2671	No cracking
Electrical	Dielectric voltage Withstand	ASTM D 2671	2500V,60s No breakdown
	Volume resistivity	ASTM D 2671	≥1010 Ω.cm
	Dielectric strength	ASTM D2671	≥16 KV/mm
Chemical	Flammability	ASTM D2671	Self-extinguish in 60s
	Copper corrosion	ASTM D2671	No corrosion
Fluids resistance (23C/24hrs)			
	Tensile strength	ASTM D2671	≥12 MPa
	Breakdown elongation	ASTM D2671	≥300%
	Dielectric strength	ASTM D2671	≥12 KV/mm

ORDERING

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

Order Example: UPDR25, 3/4", Black, 2000 FT, unprinted