

Thinwall Crosslinked Polyolefin



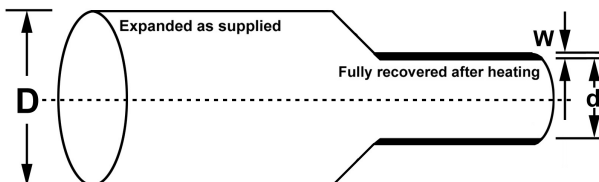
Features

- **2:1 minimum Shrink Ratio**
- **Continuous Operating Temperature: -55°C to +125°C**
- **Flame Retardant**
UL VW-1, -F-mark. (except Clear)
- **Resistant to Common Fluids and Solvents**
- **Approved to UL 224 VW-1;**
- **Shrink Temperature 90°C**

ORDER REF. NO.	EXPANDED		RECOVERED		STANDARD REEL LENGTHS
	INTERNAL DIAMETER D (MIN)	INTERNAL DIAMETER d (MAX)	WALL THICKNESS W (nom)		
2125	mm	mm	mm	m	
0012	1.2	0.60	0.30	200	
0016	1.6	0.80	0.33	200	
0024	2.4	1.20	0.36	200	
0032	3.2	1.60	0.44	200	
0048	4.8	2.40	0.55	100	
0064	6.4	3.20	0.55	100	
0095	9.5	4.80	0.55	100	
0127	12.7	6.40	0.65	50	
0160	16.0	8.00	0.69	50	
0190	19.1	9.50	0.89	50	
0254	25.4	12.70	0.90	50	
0320	32.0	16.00	0.90	50	
0381	38.1	19.00	1.00	50	
0508	50.8	25.40	1.00	25	
0762	76.2	38.10	1.20	25	
1000	100.0	50.80	1.60	25	
1200	120.0	63.00	2.00	25	

* UL approvals up to size 0320

Electrical Properties		
Dielectric Strength	ASTM D-2671	min19.7kV/mm)
Volume Resistivity	ASTM D-876	min10 ¹⁴ Ohm-cm
Chemical Properties		
Fluid Resistance	MIL-I-23053	Good to excellent
Copper Corrosion	MIL-I-23053	No Corrosion
Flamability (VW-1)	UL224	Pass
Fungus Resistance	ASTM G-21	No Growth



Property	Test Method	Performance (Typical)
Tensile Strength	ASTM D-638, MIL-I-23053	Min 1.1kgf/mm ²
Elongation	ASTM D-638, MIL-I-23053	200% min
Secant Modulus	ASTM D-882	max 173Mpa
Specific Gravity	ASTM D-792, ISO R1183	1.3 [colours] 0.95 [clear]
Restricted Shrinkage	ASTM D-2671	No cracking
Elongation after Heat Ageing (168hrs @ 175°C)	ASTM D-638, MIL-I-23053	Min 100%
Heat Shock (4hrs @ 250°C)	MIL-I-23053	Pass
Low Temperature Flexibility (4hrs @ -55°C)	MIL-I-23053	No cracking
Flammability	UL224	Flame retardant (except clear)

STANDARD COLOURS									
Black BK	Red RD	Yellow YW	Blue BE	White WE	Clear CR	Grey GY	Brown BN	Green GN	
Special colours available on request									

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