

Normal Wall Tubing (2X)

Environment Friendly, Flexible, Highly Flame Retardant, Polyolefin, Heat Shrink

multicomp PRO

RoHS Compliant



Application

Provides both commercial and military applications electrical insulation and protects in-line components, disconnect terminals and splices with its high strength and excellent resilience. Bundles wires for very flexible light-duty harnesses. Identifies or colour-code wires, cables, terminals and components.

Specifications

Operating Temperature : -55°C to +135°C
Min. Shrink Temperature : 70°C
Min. Full Recovery Temperature : 120°C
Shrink Ratio : 2:1
Colours : Black and Natural
Resistant to common fluids and solvents
Approvals: UL224, 125°C 600V VW-1
Meets the AMS- DTL-23053/5 class1&3

Technical Data

Property	Test Method	Typical Data
Tensile Strength	ASTM D 2671	≥10.4MPa
Ultimate Elongation	ASTM D 2671	≥200%
Longitudinal Shrinkage	UL 224	±5%
Heat Aging Tensile Strength Ultimate Elongation	158°C, 168 hour	≥7.3MPa ≥100%
Flammability	UL224 VW-1	Pass
Heat shock (250°C, 4hrs)	ASTM D 2671	No cracking
Cold bend tests (-55°C, 4hrs)	ASTM D 2671	No cracking
Dielectric Strength (kV/mm)	ASTM D 150	≥15kV/mm
Volume Resistivity	ASTM D 876	≥1×10 ¹⁴ Ω·cm
Copper Stability	UL224	Pass
Copper Corrosion	UL224	No corrosion

Product Dimensions

Part Number	Size		As Supplied	After Recovery	
	Inch	mm	Internal Diameter (mm)	Internal Diameter Max. (mm)	Wall Thickness Nom. (mm)
PP001929	1/16	1.5	2 ±0.2	0.85	0.36 ±0.1
PP001930					
PP001941					
PP001942					

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Part Number	Size		As Supplied	After Recovery	
	Inch	mm	Internal Diameter (mm)	Internal Diameter Max. (mm)	Wall Thickness Nom. (mm)
PP001931	3/32	2	2.5 ±0.2	1	0.45 ±0.1
PP001932					
PP001943					
PP001944					
PP001933	1/8	3.5	4 ±0.2	1.8	0.45 ±0.1
PP001934					
PP001945					
PP001946					
PP001935	1/4	6	6.5 ±0.2	3	0.56 ±0.1
PP001936					
PP001947					
PP001948					
PP001937	3/8	10	10.5 ±0.3	5	0.56 ±0.1
PP001938					
PP001949					
PP001950					
PP001939	3/4	18	19 ±0.5	9	0.7 ±0.1
PP001940					
PP001951					
PP001952					

Part Number Table

Description	Part Number
Tubing, Heat Shrink, 2:1, MIL Spec., 1.5mm, Black, 100m	PP001929
Tubing, Heat Shrink, 2:1, MIL Spec., 1.5mm, Black, 10m	PP001930
Tubing, Heat Shrink, 2:1, MIL Spec., 2mm, Black, 100m	PP001931
Tubing, Heat Shrink, 2:1, MIL Spec., 2mm, Black, 10m	PP001932
Tubing, Heat Shrink, 2:1, MIL Spec., 3.5mm, Black, 100m	PP001933
Tubing, Heat Shrink, 2:1, MIL Spec., 3.5mm, Black, 10m	PP001934
Tubing, Heat Shrink, 2:1, MIL Spec., 6mm, Black, 100m	PP001935
Tubing, Heat Shrink, 2:1, MIL Spec., 6mm, Black, 10m	PP001936
Tubing, Heat Shrink, 2:1, MIL Spec., 10mm, Black, 50m	PP001937
Tubing, Heat Shrink, 2:1, MIL Spec., 10mm, Black, 10m	PP001938
Tubing, Heat Shrink, 2:1, MIL Spec., 18mm, Black, 25m	PP001939
Tubing, Heat Shrink, 2:1, MIL Spec., 18mm, Black, 5m	PP001940

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Description	Part Number
Tubing, Heat Shrink, 2:1, MIL Spec., 1.5mm, Natural, 100m	PP001941
Tubing, Heat Shrink, 2:1, MIL Spec., 1.5mm, Natural, 10m	PP001942
Tubing, Heat Shrink, 2:1, MIL Spec., 2mm, Natural, 100m	PP001943
Tubing, Heat Shrink, 2:1, MIL Spec., 2mm, Natural, 10m	PP001944
Tubing, Heat Shrink, 2:1, MIL Spec., 3.5mm, Natural, 100m	PP001945
Tubing, Heat Shrink, 2:1, MIL Spec., 3.5mm, Natural, 10m	PP001946
Tubing, Heat Shrink, 2:1, MIL Spec., 6mm, Natural, 100m	PP001947
Tubing, Heat Shrink, 2:1, MIL Spec., 6mm, Natural, 10m	PP001948
Tubing, Heat Shrink, 2:1, MIL Spec., 10mm, Natural, 50m	PP001949
Tubing, Heat Shrink, 2:1, MIL Spec., 10mm, Natural, 10m	PP001950
Tubing, Heat Shrink, 2:1, MIL Spec., 18mm, Natural, 25m	PP001951
Tubing, Heat Shrink, 2:1, MIL Spec., 18mm, Natural, 5m	PP001952

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