

Normal Wall Tubing (3X)

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

pro-POWER

RoHS
Compliant



Description

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-codes wires, cables, terminals and components.

Specifications

Operating temperature	: -55°C to +135°C
Minimum Full Recovery Temperature	: 120°C
Minimum shrink temperature	: 70°C
Shrink Ratio	: 3:1
Colours	: Black and Natural
Approvals	: UL224, 125°C 600V VW-1
Resistant to common fluids and solvents	
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, 168hrs	≥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	ASTM D 150	≥15kV/mm
Volume Resistivity	ASTM D 876	≥1×10 ¹⁴ Ω·Cm
Copper Stability	UL224	Pass
Copper Corrosion	UL224	No corrosion

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Part Number	Size		As supplied	After Recovery	
	Inch	mm	Internal diameter Min.(mm)	Internal diameter Max. (mm)	Wall thickness Nom. (mm)
PP001953	1/16	1.5	1.5	0.5	0.45 ±0.1
PP001954					
PP001965					
PP001966					
PP001955	1/8	3	3	1	0.55 ±0.1
PP001956					
PP001967					
PP001968					
PP001957	1/4	6	6	2	0.65 ±0.1
PP001958					
PP001969					
PP001970					
PP001959	1/2	12	12	4	0.75 ±0.15
PP001960					
PP001971					
PP001972					
PP001961	3/4	18	18	6	0.85 ±0.15
PP001962					
PP001973					
PP001974					
PP001963	1-1/4	30	30	10	1.1 ±0.2
PP001975					
PP001964	2.36	60	60	20	2.6 ±0.2
PP001976					

Part Number Table

Description	Part Number
Tubing, Heat Shrink, 3:1, MIL Spec, 1.5mm, Black, 25m	PP001953
Tubing, Heat Shrink, 3:1, MIL Spec, 1.5mm, Black, 5m	PP001954
Tubing, Heat Shrink, 3:1, MIL Spec, 3mm, Black, 25m	PP001955
Tubing, Heat Shrink, 3:1, MIL Spec, 3mm, Black, 5m	PP001956
Tubing, Heat Shrink, 3:1, MIL Spec, 6mm, Black, 25m	PP001957
Tubing, Heat Shrink, 3:1, MIL Spec, 6mm, Black, 5m	PP001958
Tubing, Heat Shrink, 3:1, MIL Spec, 12mm, Black, 25m	PP001959
Tubing, Heat Shrink, 3:1, MIL Spec, 12mm, Black, 5m	PP001960

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Description	Part Number
Tubing, Heat Shrink, 3:1, MIL Spec, 18mm, Black, 25m	PP001961
Tubing, Heat Shrink, 3:1, MIL Spec, 18mm, Black, 5m	PP001962
Tubing, Heat Shrink, 3:1, MIL Spec, 30mm, Black, 5m	PP001963
Tubing, Heat Shrink, 3:1, MIL Spec, 60mm, Black, 5m	PP001964
Tubing, Heat Shrink, 3:1, MIL Spec, 1.5mm, Natural, 25m	PP001965
Tubing, Heat Shrink, 3:1, MIL Spec, 1.5mm, Natural, 5m	PP001966
Tubing, Heat Shrink, 3:1, MIL Spec, 3mm, Natural, 25m	PP001967
Tubing, Heat Shrink, 3:1, MIL Spec, 3mm, Natural, 5m	PP001968
Tubing, Heat Shrink, 3:1, MIL Spec, 6mm, Natural, 25m	PP001969
Tubing, Heat Shrink, 3:1, MIL Spec, 6mm, Natural, 5m	PP001970
Tubing, Heat Shrink, 3:1, MIL Spec, 12mm, Natural, 25m	PP001971
Tubing, Heat Shrink, 3:1, MIL Spec, 12mm, Natural, 5m	PP001972
Tubing, Heat Shrink, 3:1, MIL Spec, 18mm, Natural, 25m	PP001973
Tubing, Heat Shrink, 3:1, MIL Spec, 18mm, Natural, 5m	PP001974
Tubing, Heat Shrink, 3:1, MIL Spec, 30mm, Natural, 5m	PP001975
Tubing, Heat Shrink, 3:1, MIL Spec, 60mm, Natural, 5m	PP001976

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