



ENGLISH

## Datasheet

# RS Pro Halogen Free, Flame Retardant, Polyolefin Heat Shrink Tubing, 2:1 Shrink Ratio



## Dimensions

STANDARD SIZES						
SIZE	INSIDE DIAMETER AS SUPPLIED (MIN)		INSIDE DIAMETER AFTER RECOVERY (MAX)		WALL THICKNESS AFTER RECOVERY (NOM)	
	INCH	(MM)	INCH	(MM)	INCH	(MM)
1/8	.125	3.2	.062	1.6	.027	0.70
3/16	.187	4.8	.093	2.4	.033	0.84
1/4	.250	6.4	.125	3.2	.035	0.90
3/8	.375	9.5	.187	4.8	.040	1.00
1/2	.500	12.7	.250	6.4	.048	1.20
3/4	.750	19.1	.375	9.5	.057	1.40
1	1.000	25.4	.500	12.7	.070	1.80
1 1/2	1.500	38.1	.750	19.1	.080	2.00
2	2.000	50.8	1.000	25.4	.095	2.40



# Technical Specification

PROPERTY (UNITS)	TEST METHOD	REQUIREMENT
<b>Physical:</b> Tensile strength (psi) Elongation (%) Specific gravity Low temperature flex. (-55°C) Heat shock (225°C, 4 hrs.) Heat resistance (150°C, 168 hrs.)  Elongation (%) Secant modulus (psi) Longitudinal change (%)	ASTM D638 ASTM D638 ASTM D792 AMS-DTL-23053 AMS-DTL-23053  ASTM D638 ASTM D882 AMS-DTL-23053	1500 min.. 200 min. 1.5 nom. no cracking no cracking  100 min. 2.5 X 10 <sup>4</sup> max. +5 to -15
<b>Electrical:</b> Dielectric strength (volts/mil) Volume resistivity (ohm-cm)	ASTM D876 ASTM D876	500 min. 1 X 10 <sup>13</sup> min.
<b>Chemical:</b> Copper mirror corrosion (175°C 168 hrs.) Water absorption (%) Fluid resistance (23°C, 24 hrs.) MIL-T-5624 MIL-H-5606 MIL-L-23699 MIL-L-7808 MIL-A-8243 O-S-1296 Tensile strength (psi)  Dielectric strength (volts/mil) Flammability Smoke index (D <sub>m</sub> )  Acid gas generation (as hydrogen halides), %	AMS-DTL-23053 ASTM D570  ASTM D638  ASTM D876 AMS-DTL-23053 (4.6.15.1) ASTM E 662  MIL-C-24643	no corrosion 1.0 max.  1000 min., except 800 min. for MIL-T-5624 400 min. 60 seconds max. flaming mode 70 max. non-flaming mode 100 max.  0.2 max.