

SUMITUBE® B2 (Y/G) 2:1

UL & CSA

SPECIAL YELLOW GREEN STRIPED TUBING 2 : 1 Shrink



RoHS Compliant

TYPICAL FEATURES

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| <p>1) SUMITUBE B2 (Y/G) 2:1 is a very flexible, flame retarded, heat shrinkable polyolefin tubing which has a unique yellow/green striped color (color ratio; Yellow/Green = 35/65)</p> <p>2) Shrink temperature is 90°C.</p> | <p>3) Operating temperature range is -55°C to +135°C and up to 200°C for short time durations.</p> <p>4) Recommended for special purpose applications such as wire marking, color coding, electrical insulation of wire harness assemblies, where the international electrical ground designation is intended.</p> |
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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	.020	0.51
3/16	.187	4.8	.093	2.4	.020	0.51
1/4	.250	6.4	.125	3.2	.025	0.64
3/8	.375	9.5	.187	4.8	.025	0.64
1/2	.500	12.7	.250	6.4	.025	0.64
3/4	.750	19.1	.375	9.5	.030	0.76
1	1.000	25.4	.500	12.7	.035	0.89
1 1/2	1.500	38.1	.750	19.1	.040	1.02
2	2.000	50.8	1.000	25.4	.045	1.14

Standard Package: 4 foot lengths (4')

How to Order: (Type of material) (Size) (Color) (Packaging)

Example: B2 1/4 Y/G 4'

B2(Y/G) 2:1 SPECIFICATION VALUES

PROPERTY (UNITS)	TEST METHOD	REQUIREMENT
Physical: Tensile strength (psi) Elongation (%) Specific gravity Low temperature flex (-55° C) Heat shock (250° C, 4 hrs.) Heat resistance (175° 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. 1.35 max. no cracking no cracking 100 min. 2.5 X 10 ⁴ max. ±5
Electrical: Dielectric strength (volts/mil) Volume resistivity (ohm-cm)	ASTM D876 ASTM D876	500 min. 1.0 X 10 ¹⁴ min.
Chemical: Corrosion (175° C, 16 hrs.) Water absorption (%) Fluid resistance (23° C, 24 hrs.) Tensile strength (psi) Flammability Shrink temperature, nominal	AMS-DTL-23053 ASTM D570 AMS-DTL-23053 UL 224 VW-1	no corrosion 0.5 max. 1000 min. pass 90° C

Specification references: UL 224 125° C, 600 V, VW-1 File E48762 YDPU2
 CSA C22.2 No. 198.1-98

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