

SUMITUBE® B2 (Y/G)

UL/CSA

SPECIAL YELLOW GREEN STRIPED TUBING 3 : 1 Shrink Ratio

UL/CSA RECOGNIZED 125°C 600V (VW-1)



RoHS Compliant

TYPICAL FEATURES

- 1) SUMITUBE B2 Y/G is a very flexible, flame retarded, heat shrinkable polyolefin tubing which has a unique yellow/green striped color (color ratio; Yellow/Green = 35/65) and high expansion ratio (3:1).
- 2) Shrink temperature is 90°C.
- 3) Operating temperature range is -55°C to +135°C and up to 200°C for short time durations.
- 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.

STANDARD SIZES

SIZE	INSIDE DIAMETER AS SUPPLIED (MIN)		INSIDE DIAMETER AFTER RECOVERY (MAX)		WALL THICKNESS AFTER RECOVERY (NOM)	
	INCH	(MM)	INCH	(MM)	INCH	(MM)
187/62	.187	4.8	.062	1.6	.020	0.51
375/125	.375	9.5	.125	3.2	.025	0.64
500/185	.500	12.7	.185	4.7	.028	0.71

Standard Package: 4 feet (4')

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

Example: B2 (Y/G) 187 Y/G 4'

B2 (Y/G) 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 nom. no cracking no cracking 100 min. 2.5 X 10 ⁴ max. +5, -15
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
 CSA C22.2 No. 198.1-98

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