

Turbo[®] Tape

THERMAL RATING: -65°C TO +260°C

SELF-FUSING SILICONE RUBBER TAPE



Meet/Exceeds MIL AA-59163

Types I and II

Self Fusing Tape

DESCRIPTION

TURBO[®] Tape is a self-fusing silicone rubber tape which bonds readily to itself to form a watertight, electrically insulating, protective wrap.

TURBO[®] Tape is available in triangular or rectangular cross-sections in a wide range of sizes and colors. Triangular tapes feature a raised, integral guideline for ease of application.

RECOMMENDED USE

TURBO[®] Tape is recommended for use wherever moisture and/or other contaminants must be excluded from an electrical connection, coil or other device.

TURBO[®] Tape retains its flexibility and protective properties over a wide temperature range of -65°C through +260°C.

PHYSICAL PROPERTIES

PROPERTIES	TEST	PERFORMANCE
-Operating Temp	Continuous	-54°C to +260°C
-Operating Temp	Intermittent	-60°C to +260°C
-Hardness	Shore Durometer	50A
-Cold Brittle Pt. Max.	ASTM D-2137	-65°C PSI
-Tear Resistance		85 PSI
-Tensile Strength (as received)	ASTM D-412	700 PSI Min.
-Tensile Strength (aged 100hr @ 500°F)	ASTM D-412	75% Retained
-Elongation (as Received)	ASTM D-412	300% Min.
-Elongation (aged 100hr @ 500°F)	ASTM D-412	50% Retained
-Water Absorption	FED STD 601 (Method 6251)	3% Max. by Weight

BRAND NAMES

TURBO[®] TAPE

SIZES

Width 1/2" thru 2"
Thickness 0.010" to 0.040"

PUT-UP

Continuous Length Rolls

COLORS

Black (BK), Red Oxide (RO)
Additional Colors On Following Page

Electrical Properties	Test Method	Performance
Dielectric Strength 0.010"	ASTM D-149	400 Volts/Mil
Dielectric Constant 1KHZ		2.95
Dissipation Factor 1KHZ		<0.0004
Volume Resistivity	ASTM D-1458	3x10 ¹⁴ OHM/CM

Phone: (585) 492-2212 • Fax: (800) 450-8193
E-mail: info@hilec.com • Website: www.hilec.com

Manufactures and Fabricators of Electrical Sleeving for Industry

The above data is informational only and should not be used for specification purposes.

SELF- FUSING SILICONE RUBBER TAPE**PRODUCT SPECIFICATIONS****Self-Fusing Silicone Rubber Tape**

Type	Description	Thickness	Width	Part Number	Length (ft)	Case Quantity
I	Rectangular	0.010	0.50	R1005054XX	54	36
I	Rectangular	0.010	0.75	R1007554XX	54	31
I	Rectangular	0.010	1.00	R1010054XX	54	26
I	Rectangular	0.020	0.75	R2007536XX	36	41
I	Rectangular	0.020	1.00	R2010036XX	36	35
I	Rectangular	0.020	1.50	R2015036XX	36	26
I	Rectangular	0.020	2.00	R2020036XX	36	21
II	Triangular	0.020	1.00	T2010036XX	36	39
II	Triangular	0.020	1.50	T2015036XX	36	32
II	Triangular	0.020	2.00	T2020036XX	36	26
II	Triangular	0.030	1.00	T3010036XX	36	35
II	Triangular	0.030	1.50	T3015036XX	36	26
II	Triangular	0.030	2.00	T3020036XX	36	22
II	Triangular	0.040	1.00	T4010036XX	36	27
II	Triangular	0.040	1.50	T4015036XX	36	16
II	Triangular	0.040	2.00	T4020036XX	36	14

COLOR CODES (XX)**STANDARD:**

Black (BK)
Red Oxide (RO)

ADDITIONAL COLORS:

Blue (BL) Red (RD)
Gray (GY) White (WH)
Green (GN)

(Minimum order may be required)

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