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## **TURBO™ 117U** **SILICONE RUBBER TUBING**

**THERMAL CLASS - 200°C**

**300 & 600 VOLT GRADES**

### **DESCRIPTION**

TURBO™ 117U is unsupported silicone rubber tubing produced from a custom formulated methyl-vinyl polysiloxane silicone rubber. TURBO™ 117U exhibits excellent electrical and mechanical properties and it retains its flexibility over a wide temperature range. TURBO™ 117U is easily dilated to fit over irregular shapes and will subsequently shrink to a close fit over the underlying component.

### **RECOMMENDED USE**

TURBO™ 117U is recommended for insulation of irregular shaped leads, connections and components such as coils, relays, solenoids, etc, where extreme temperature variations are encountered. *Silicone rubber is the only flexible insulating material which remains useful for continuous service in ambient temperatures from -70°C through 200°C*

### **PHYSICAL PROPERTIES**

PRODUCT NUMBER	VOLTAGE RATING	WALL THICKNESS	SIZE RANGE	DUROMETER
<b>TURBO™117U-300</b>	300	.015"	AWG #24 - #5	65
<b>TURBO™117U-600</b>	600	.035"	AWG #24 - 3/4"	65

### **AVAILABILITY**

- **SIZES:** **TURBO™117U** is available in continuous spooled lengths or cut lengths in NEMA sizes #24 - 3/4", as listed above.
- **COLORS:** **TURBO™117U** is available in white, iron oxide red or natural. Other colors may be available subject to minimum order quantities and/or setup charges.
- **TYPES:** Silicone rubber tubing is available in a fire retardant version which meets requirements of VW-1 testing. Order as **TURBO™117U-FR**