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Registered to ISO9001 and TS16949  
Schiller Park, IL 60176  
Reference No. 10000854  
Tucson, AZ 85714  
Reference No. 10003647

## MATERIAL SPECIFICATION SHEET

**#16 19/0117 BARE COPPER 1/32" PVC**

**RoHS COMPLIANT**

**MACHINE TOOL WIRE 600v N.E.C. STANDARD**

**BOAT CABLE & AWM STYLES 1015 & 1230 105c-600v OR  
AWM 1032 90c-1,000v OR AWM 1013 & 1011 & 1335 90c-600v**

**CSA TEW 105c-600v OR CSA AWM I A/B 105c-600v**

**CSA Oil and Water Resistant 75c FT-1**

<b>CONDUCTOR:</b>	#16 19/0117 Bare Copper 1" Unilay	
	NOMINAL O.D.	.058"
	APPROXIMATE CIRCULAR MILL AREA	2,601
	WEIGHT PER THOUSAND FEET	7.90#
	BASIC SPECIFICATION	ASTM B 8 ASTM B 286
<b>PVC:</b>	TEMPERATURE RATING	105c
	VOLTAGE RATING	1,000 VOLTS
	ELONGATION	330% AVERAGE
	TENSILE STRENGTH	2450 PSI AVERAGE
	SPECIFIC GRAVITY	1.32
	DUROMETER (SHORE)	91 (A)
	OXYGEN INDEX	28
	BRITTLE POINT	-24c
	SPARK TESTED	10,000 VOLTS
	WEIGHT PER THOUSAND FEET	13.11#
	NOMINAL DIAMETER OF WIRE	.121"

**UL1230-1335 USE:** MOISTURE RATING 60 DEGREES C.

**UL 1011-1013-**

**1015-1335 USE:** 2,500v PEAK FOR ELECTRONIC USE ONLY

**UL 1032 USE:** 3,500v PEAK FOR ELECTRONIC USE ONLY

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