



ATLAS WIRE LLC.
 9525 RIVER STREET
 SCHILLER PARK, ILLINOIS 60176
 (847) 678-1210
 (847) 678-1281 FAX
 www.atlaswirecorp.com



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

MATERIAL SPECIFICATION SHEET

#16 19/0117 TINNED 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

CONDUCTOR:	#16 19/0117 Tinned Copper 3/4" 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
PVC:	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

info@atlaswirecorp.com