



® **ATLAS WIRE LLC.**
 1601 Glenlake Av.
 Itasca, ILLINOIS 60143
 (847) 678-1210
 (847) 678-1281
 www.atlaswirecorp.com



Atlas Wire, LLC
 Registered to ISO9001:2015
 and IATF 16949:2016
 Itasca, IL 60143
 Reference No. 10000854



Atlas Wire, LLC
 Registered to ISO9001:2015
 Tucson, AZ 85714
 Reference No. 10003647

MATERIAL SPECIFICATION SHEET

#16 SOLID TC 1/32" PVC

RoHS COMPLIANT

AWM STYLES 1015 & 1230 105c-600v

AWM STYLE 1032 90c-1,000v AWM STYLES 1013/1335 90c-600v

CSA TEW or AWM 1 A/B 105c-600v or CSA TR-32 90c

CSA OIL AND WATER RESISTANT 75c FT1

CONDUCTOR:	#16 SOLID TINNED COPPER	
	APPROXIMATE NOMINAL O.D.	.0508"
	APPROXIMATE CIRCULAR MILL AREA	2,583
	WEIGHT PER THOUSAND FEET	7.90#
	BASIC SPECIFICATION	ASTM B 33
PVC:	TEMPERATURE RATING	105c
	VOLTAGE RATING	600 VOLTS
	ELONGATION	330% AVG
	SPECIFIC GRAVITY	1.32
	DUROMETER (SHORE)	91 (A)
	TENSILE STRENGTH	2,450 PSI AVG
	OXYGEN INDEX	28
	BRITTLE POINT	-24c
	SPARK TESTED	10,000 VOLTS
	FINISHED O.D.	.113"
	WEIGHT PER THOUSAND FEET	12.70#
USE:	INTERNAL WIRING OF APPLIANCES; OR INTERNAL WIRING OF APPLIANCES WHERE EXPOSED TO OIL AT A TEMPERATURE NOT EXCEEDING 60c.	
UL1230,1335:	MOISTURE RATING 60c.	
UL1032:	3,500v PEAK FOR ELECTRONIC USE ONLY	
UL 1015,1013:	2,500v PEAK FOR ELECTRONIC USE ONLY	

info@atlaswirecorp.com

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