



ATLAS WIRE CORPORATION
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 SOLID BARE COPPER 1/32" PVC
RoHS COMPLIANT**

AWM STYLES 1015 & 1230 105c-600v

**AWM STYLES 1032 90c-1,000v AWM STYLES 1013,1335 90c-600v VW-1
CSA TR-32 90c FT1 OR TEW 105c 600v FT1 OR AWM I A/B 105c-600v FT1
OIL & WATER RESISTANT 75c FT1**

CONDUCTOR:	#16 SOLID BARE COPPER	
	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	1000 VOLTS
	ELONGATION	340% AVERAGE
	TENSILE STRENGTH	2950 PSI AVERAGE
	SPECIFIC GRAVITY	1.34
	DUROMETER (SHORE)	95 (A)
	OXYGEN INDEX	30
	BRITTLE POINT	-18c
	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. UL 1230,1335 – MOISTURE RATING 60c UL 1032 – 3,500v PEAK FOR ELECTRONIC USE ONLY UL 1015,1013 – 2,500v PEAK FOR ELECTRONIC USE ONLY	