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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 TINNED COPPER 1/64" PVC
RoHS COMPLIANT
AWM STYLE 1569 105c-300v
AWM STYLE 1007 80c-300v VW-1 OR
CSA TR 64 90c OR AWM 1 A/B 105c-300v FT-1

CONDUCTOR:

#16 SOLID TINNED 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 UL1007 80c
UL1569 105c
VOLTAGE RATING 300 VOLTS
ELONGATION 330% AVERAGE
SPECIFIC GRAVITY 1.32
DUROMETER (SHORE) 91 (A)
TENSILE STRENGTH 2450 PSI AVERAGE
OXYGEN INDEX 28
BRITTLE POINT -24c
SPARK TESTED 5,000 VOLTS
FINISHED OD .083"
WEIGHT PER THOUSAND FEET 9.92#

USE:

INTERNAL WIRING OF APPLIANCES; OR WHERE
EXPOSED TO OIL AT TEMPERATURES NOT EXCEEDING
60c. WHERE NOT SUBJECT TO MOVEMENT OR
MECHANICAL DAMAGE.
600v PEAK FOR ELECTRONIC USE ONLY.

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Revision 09-12-14