



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



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

MATERIAL SPECIFICATION SHEET

#20 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:

#20 SOLID TINNED COPPER
 NOMINAL O.D. .032"
 APPROXIMATE CIRCULAR MILL AREA 1,021
 WEIGHT PER THOUSAND FEET 3.12#
 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 .064"
 WEIGHT PER THOUSAND FEET 4.57#

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.

info@atlaswirecorp.com