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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

#20 19/32 TINNED COPPER 1/64" PVC
RoHS COMPLIANT
AWM STYLE 1569 105c-300v
AWM STYLE 1007 80c-300v VW-1 OR
CSA TR64 90c OR AWM 1 A/B 105c-300v FT-1

CONDUCTOR: #20 19/32 TINNED COPPER 5/8" UNILAY
NOMINAL O.D. .040"
APPROXIMATE CIRCULAR MILL AREA 1,201
WEIGHT PER THOUSAND FEET 3.75#
BASIC SPECIFICATION ASTM B-8/ASTM B-286

PVC: TEMPERATURE RATING UL1007 80c
UL1569 105c
VOLTAGE RATING 300 VOLTS
ELONGATION 330% AVERAGE
TENSILE STRENGTH 2450 PSI AVERAGE
SPECIFIC GRAVITY 1.32
DUROMETER (SHORE) 91 (A)
OXYGEN INDEX 28
BRITTLE POINT -24c
FINISHED OD .072"
SPARK TESTED 7,100 VOLTS
WEIGHT PER THOUSAND FEET 5.44#

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

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