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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 10/30 TOPCOAT COPPER 1/32" PVC
RoHS COMPLIANT**

**AWM STYLES 1015 & 1230 105c-600v AWM STYLE 1032 90c-1000v
AWM STYLES 1013/1335 90c- 600v
CSA TEW OR AWM I A/B 105c – 600v OR CSA TR32 90c
CSA OIL & WATER RESISTANT 75c FT1**

CONDUCTOR: #20 10/30 TOPCOAT CONDUCTOR 1/2" LAY
NOMINAL O.D. .036"
APPROXIMATE CIRCULAR MILL AREA 1,000
WEIGHT PER THOUSAND FEET 3.40#
BASIC SPECIFICATION ASTM B 470 TYPE I

PVC: TEMPERATURE RATING 105c
VOLTAGE RATING 600 VOLTS
ELONGATION 330% AVERAGE
TENSILE STRENGTH 2450 PSI AVERAGE
SPECIFIC GRAVITY 1.32
DUROMETER (SHORE) 91 (A)
OXYGEN INDEX 28
BRITTLE POINT -24c
SPARK TESTED 10,000 VOLTS
FINISHED OD OF SINGLE WIRES .098"
WEIGHT PER THOUSAND FEET 7.32#

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

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