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

CONDUCTOR: #20 10/30 TOPCOAT CONDUCTOR 1/2" LAY
 NOMINAL O.D. .038"
 APPROXIMATE CIRCULAR MILL AREA 1,020
 MINIMUM CMA PER UL 1,000
 WEIGHT PER THOUSAND FEET 3.36#
 BASIC SPECIFICATION ASTM B 470 TYPE I

PVC: TEMPERATURE RATING UL1007 80c / UL 1569 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
 SPARK TESTED 7,100 VOLTS
 WALL THICKNESS .016"
 FINISHED O.D. .068"
 FINISHED O.D. TOLERANCE +/- .002"
 WEIGHT PER THOUSAND FEET 4.97#

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