



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



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 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 CSA AWM 1 A/B 105c-300v FT-1

CONDUCTOR: #20 10/30 TINNED COPPER 1/2" SEMI CONCENTRIC LAY
NOMINAL O.D. .038"
APPROXIMATE CIRCULAR MILL AREA 1,000
WEIGHT PER THOUSAND FEET 3.20#
BASIC SPECIFICATION ASTM B 8 / ASTM B 174

PVC: TEMPERATURE RATING UL 1569 105c / UL 1007 80c
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 7,100 VOLTS
FINISHED OD .070"
WEIGHT PER THOUSAND FEET 4.83#

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