



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



ATLAS WIRE CORPORATION
REGISTERED TO ISO 9002
CERTIFICATE NO. A4894

MATERIAL SPECIFICATION SHEET

#20 10/30 TC 1/32" PVC
RoHS Compliant
XLPE INSULATED APPLIANCE WIRE
UL 3321 150c
TYPE CL 1503 600v CSA AWM 1-A/B FT2
ATLAS PART # 2010T3321

CONDUCTOR: #20 10/30 TC 1/2" LAY BUNCHED
APPROXIMATE NOMINAL O.D. .040"
APPROXIMATE CIRCULAR MILL AREA 1,020
WEIGHT PER THOUSAND FEET 3.15#
BASIC SPECIFICATION ASTM B 174

CROSS LINKED POLYETHYLENE:
TEMPERATURE RATING 150c
VOLTAGE RATING 600 VOLTS
SPECIFIC GRAVITY 1.09
DUROMETER INSTANTANEOUS 53 SHORE D
DUROMETER 10 SECOND DELAY 48 SHORE D
TENSILE STRENGTH 2300 PSI AVERAGE
TENISLE ELONGATION AT BREAK 425%
SPARK TESTED 8,000 VOLTS
FINISHED O.D. .100"
WEIGHT PER THOUSAND FEET 6.64#

PRINTED: 20 AWG E25635 RU AWM STYLE 3321 150C – 600V AC
750v DC X-LINK POLY C RU TYPE CL 1503 AWM
I - A/B 150C – 600V FT2

UL 3321 USE: INTERNAL WIRING OF APPLIANCE.