



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



Atlas Wire, LLC
 Registered to ISO9001 and TS16949
 Schiller Park, IL 60176
 Reference No. 10000854
 Tucson, AZ 85714
 Reference No. 10003647

MATERIAL SPECIFICATION SHEET

**#10 105/30 TC 1/32" PVC
 ROHS COMPLIANT
 XLPE INSULATED APPLIANCE WIRE
 UL 3321 150C-600V AC 750V DC
 CSA TYPE CL 1503 105C-600V CSA AWM 1-A/B FT2**

CONDUCTOR: #10 105/30 TC 2" BUNCHED
 APPROXIMATE NOMINAL O.D. .121"
 APPROXIMATE CIRCULAR MILL AREA 10,500
 WEIGHT PER THOUSAND FEET 32.2#
 BASIC SPECIFICATION ASTM B 174

**MOISTURE CURED
 CROSS LINKED POLYETHYLENE:**
 TEMPERATURE RATING 150c / -40c
 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
 TENSILE ELONGATION AT BREAK 425%
 SPARK TESTED 10,000 VOLTS
 FINISHED O.D. .182"
 WEIGHT PER THOUSAND FEET 39.33#

PRINTED: 10 AWG E25635 RU AWM STYLE 3321 150c – 600v
 AC 750v DC X-LINK POLY CSA 150272 TYPE CL 1503
 150c-600v AWM I - A/B 150C – 600V FT2

UL 3321 USE: INTERNAL WIRING OF APPLIANCE.