



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

**#14 19/27 TINNED COPPER .031" PVC
 MIL 16878 TYPE D 105c - 3000 VOLT
 MIL -W-76D TYPE HWP 80c - 2500 VOLT**

CONDUCTOR:

#14 19/27 TINNED COPPER 1-1/4" UNILAY
 APPROXIMATE NOMINAL O.D. .071"
 APPROXIMATE CIRCULAR MILL AREA 4,110
 WEIGHT PER THOUSAND FEET 11.60#
 BASIC SPECIFICATION ASTM B 8
 ASTM B 286

PVC:

TEMPERATURE RATING 105c
 VOLTAGE RATING 600 VOLTS
 ELONGATION 300% AVERAGE
 TENSILE STRENGTH 3000 PSI AVERAGE
 SPECIFIC GRAVITY 1.34
 DUROMETER (SHORE) 47 (D)
 OXYGEN INDEX 25
 BRITTLE POINT -55c
 SPARK TESTED 10,000 VOLTS
 FINISHED O.D. .133"
 WEIGHT PER THOUSAND FEET 17.57#

REVISION:

M1L-W-16787E/17 - NO PRINTING REQUIRED*
 M1L-W-16878F/17 - PRINT REQUIRED*

* OUR STANDARD IS UNPRINTED, IF PRINTING IS REQUIRED
 PLEASE CALL THAT OUT AT TIME OF ORDER.