



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 TC .031" PVC .004" NYLON
RoHS COMPLIANT
MIL-16878/19 TYPE DN
105c - 3,000 VOLTS

CONDUCTOR:	#14 19/27 TINNED COPPER 1-1/4" UNILAY NOMINAL O.D. .071" APPROXIMATE CIRCULAR MILL AREA 3,831 WEIGHT PER THOUSAND FEET 11.60# BASIC SPECIFICATION ASTM B-8 ASTM B-286
PVC:	TEMPERATURE RATING 105c VOLTAGE RATING 3000 VOLTS ELONGATION 330% AVG. SPECIFIC GRAVITY 1.32 DUROMETER (SHORE) 91 (A) TENSILE STRENGTH 2450 PSI AVG SPARK TESTED 15,000 VOLTS OXYGEN INDEX 28 BRITTLE POINT -24c FINISHED O.D. .130" WEIGHT PER 1,000 FEET 17.33#
NYLON:	ELONGATION 300% TENSILE STRENGTH 7400 PSI @ 50% RELATIVE HUMIDITY SPECIFIC GRAVITY 1.13 OVERALL DIAMETER .138" WEIGHT PER M FEET 18.08#
REVISION:	MIL-DTL-16878G - PRINT REQUIRED*

* OUR STANDARD IS PRINTED, IF NO PRINTING IS PREFERRED
PLEASE CALL THAT OUT AT TIME OF ORDER.

MEETS ALL REQUIREMENTS LISTED ON THE MIL-DTL-16878/19B DETAIL SPECIFICATION SHEET WITH THE EXCEPTION OF ATLAS CONDITIONING FOR THE HEAT RESISTANCE TEST AT 136c.

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Revision 02/22/16