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 and IATF 16949:2016
 Itasca, IL 60143
 Reference No. 10000854



Atlas Wire, LLC
 Registered to ISO9001:2015
 Tucson, AZ 85714
 Reference No. 10003647

MATERIAL SPECIFICATION SHEET

#14 19/27 TC .010" PVC .004" NYLON
RoHS COMPLIANT
MIL-16878/17 TYPE BN
105c - 600 VOLTS

CONDUCTOR:	#14 19/27 TINNED COPPER 1-1/4" 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 600 VOLTS ELONGATION 300% AVG. SPECIFIC GRAVITY 1.34 DUROMETER (SHORE) 47 (D) TENSILE STRENGTH 3000 PSI AVG SPARK TESTED 5,700 VOLTS OXYGEN INDEX 25 BRITTLE POINT -29c FINISHED O.D. .090" WEIGHT PER 1,000 FEET 13.12#
NYLON:	ELONGATION 300% TENSILE STRENGTH 7400 PSI @ 50% RELATIVE HUMIDITY SPECIFIC GRAVITY 1.13 OVERALL DIAMETER .098" WEIGHT PER M FEET 13.66#
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-16878/17B DETAIL SPECIFICATION SHEET WITH THE EXCEPTION OF ATLAS CONDITIONING FOR THE HEAT RESISTANCE TEST AT 136c.

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