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

MATERIAL SPECIFICATION SHEET

#16 19/29 TC .017" PVC .004" NYLON
RoHS COMPLIANT
MIL-16878/18 TYPE CN
105c - 1,000 VOLTS

CONDUCTOR:	#16 19/29 TINNED COPPER 3/4" UNILAY NOMINAL O.D. .057" APPROXIMATE CIRCULAR MILL AREA 2.409 WEIGHT PER THOUSAND FEET 7.50# BASIC SPECIFICATION ASTM B-8 ASTM B-286
PVC:	TEMPERATURE RATING 105c VOLTAGE RATING 1000 VOLTS ELONGATION 330% AVG. SPECIFIC GRAVITY 1.32 DUROMETER (SHORE) 91 (A) TENSILE STRENGTH 2450 PSI AVG SPARK TESTED 8,500 VOLTS OXYGEN INDEX 28 BRITTLE POINT -24c FINISHED O.D. .092" WEIGHT PER 1,000 FEET 9.88#
NYLON:	ELONGATION 300% TENSILE STRENGTH 7400 PSI @ 50% RELATIVE HUMIDITY SPECIFIC GRAVITY 1.13 OVERALL DIAMETER .100" WEIGHT PER M FEET 10.41#
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-16878/18B DETAIL SPECIFICATION SHEET WITH THE EXCEPTION OF ATLAS CONDITIONING FOR THE HEAT RESISTANCE TEST AT 136c.

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Revision 02/22/16

