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Reference No. 10003647

## MATERIAL SPECIFICATION SHEET

**#16 19/29 TC .031" PVC .004" NYLON**  
**RoHS COMPLIANT**  
**MIL-16878/19 TYPE DN**  
**105c - 3,000 VOLTS**

<b>CONDUCTOR:</b>	#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
<b>PVC:</b>	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. .118" WEIGHT PER 1,000 FEET 12.66#
<b>NYLON:</b>	ELONGATION 300% TENSILE STRENGTH 7400 PSI @ 50% RELATIVE HUMIDITY SPECIFIC GRAVITY 1.13 OVERALL DIAMETER .126" WEIGHT PER M FEET 13.34#
<b>REVISION:</b>	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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