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 Schiller Park, IL 60176  
 Reference No. 10000854  
 Tucson, AZ 85714  
 Reference No. 10003647

## MATERIAL SPECIFICATION SHEET

**#22 7/30 TC .017" PVC .003" NYLON**  
**RoHS COMPLIANT**  
**MIL-16878/18 TYPE CN**  
**105c - 1,000 VOLTS**

<b>CONDUCTOR:</b>	#22 7/30 TINNED COPPER 3/4" CONCENTRIC NOMINAL O.D. .030" APPROXIMATE CIRCULAR MILL AREA 700 WEIGHT PER THOUSAND FEET 2.20# BASIC SPECIFICATION ASTM B-8 ASTM B-286
<b>PVC:</b>	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. .062" WEIGHT PER 1,000 FEET 3.71#
<b>NYLON:</b>	ELONGATION 300% TENSILE STRENGTH 7400 PSI @ 50% RELATIVE HUMIDITY SPECIFIC GRAVITY 1.13 OVERALL DIAMETER .068" WEIGHT PER M FEET 3.99#
<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-16878/18B DETAIL SPECIFICATION  
 SHEET WITH THE EXCEPTION OF ATLAS CONDITIONING FOR THE HEAT RESISTANCE  
 TEST AT 136c.

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