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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

**#18 7/26 TC .010" PVC**  
**RoHS Compliant**  
**MIL-16878/1 TYPE B**  
**105c - 600 VOLTS**

<b>CONDUCTOR:</b>	#18 7/26 TINNED COPPER 3/4" CONCENTRIC	
	NOMINAL O.D.	.048"
	APPROXIMATE CIRCULAR MILL AREA	1.779
	WEIGHT PER THOUSAND FEET	5.56#
	BASIC SPECIFICATION	ASTM B-8 ASTM B-286
<b>PVC:</b>	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.	.068"
	WEIGHT PER 1,000 FEET	6.65#

**REVISION:** MIL-DTL- 16878G - PRINT REQUIRED\*

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