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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 TINNED COPPER 1/64" PVC  
RoHS COMPLIANT**

**AWM STYLE 1569 105c-300v OR AWM STYLE 1007 80c-300v OR  
CSA TR64 90c OR CSA AWM 1 A/B 105c-300v**

<b>CONDUCTOR:</b>	#18 7/26 TC CONCENTRIC 3/4" LAY NOMINAL O.D.	.048"
	APPROXIMATE CIRCULAR MILL AREA	1,617
	WEIGHT PER THOUSAND FEET	5.00#
	BASIC SPECIFICATION	ASTM B 8 ASTM B 286
<b>PVC:</b>	TEMPERATURE RATING	UL1007 90c UL1569 105c
	VOLTAGE RATING	300 VOLTS
	ELONGATION	330% AVERAGE
	TENSILE STRENGTH	2450 PSI AVERAGE
	SPECIFIC GRAVITY	1.32
	DUROMETER (SHORE)	91 (A)
	OXYGEN INDEX	28
	BRITTLE POINT	-24c
	SPARK TESTED	7,100 VOLTS
	FINISHED OD	.080"
	WEIGHT PER THOUSAND FEET	6.94
<b>USE:</b>	INTERNAL WIRING OF APPLIANCE WHERE NOT EXPOSED TO MOVEMENT OR MECHANICAL DAMAGE 105c-600v PEAK FOR ELECTRONIC USE ONLY	

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