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MATERIAL SPECIFICATION SHEET

**#18 16/30 TINNED COPPER 1/64" PVC
 2/CONDUCTOR TWISTED
 RoHS COMPLIANT**

**AWM STYLE 1569 105c-300v OR AWM STYLE 1007 80c-300v OR
 CSA TR 64 90c OR CSA AWM 1 A/B 105c-300v**

CONDUCTOR:	#18 16/30 TINNED COPPER 1" LAY	
	NOMINAL O.D.	.048"
	APPROXIMATE CIRCULAR MILL AREA	1,600
	WEIGHT PER THOUSAND FEET	5.00#
	BASIC SPECIFICATION	ASTM B 174
PVC:	TEMPERATURE RATING	UL1007 80c UL1569 105c
	VOLTAGE RATING	300 VOLTS
	ELONGATION	330% AVERAGE
	SPECIFIC GRAVITY	1.32
	DUROMETER (SHORE)	91 (A)
	TENSILE STRENGTH	2450 PSI AVERAGE
	OXYGEN INDEX	28
	BRITTLE POINT	-24c
	SPARK TESTED	5,000 VOLTS
	FINISHED OD	.080"
	WEIGHT PER THOUSAND FEET	6.94#
CABLE:	LAY LENGTH	1 INCH
	WEIGHT PER THOUSAND FEET	14.30#
USE:	INTERNAL WIRING OF APPLIANCES; OR WHERE EXPOSED TO OIL AT TEMPERATURES NOT EXCEEDING 60c. WHERE NOT SUBJECT TO MOVEMENT OR MECHANICAL DAMAGE. 600v PEAK FOR ELECTRONIC USE ONLY.	