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 Reference No. 10003647

MATERIAL SPECIFICATION SHEET

**#18 16/30 TINNED COPPER 1/64" PVC
 RoHS COMPLIANT
 2/CONDUCTOR BONDED RIBBON CABLE
 AWM STYLE 2957 105c-300v OR AWM 80c-300v OR CSA TR64 90c**

CONDUCTOR:	#18 16/30 TINNED COPPER 3/8" SEMI CONCENTRIC	
	NOMINAL O.D.	.048"
	APPROXIMATE CIRCULAR MILL AREA	1,600
	WEIGHT PER THOUSAND FEET	5.00#
	BASIC SPECIFICATION	ASTM B 174
INSULATED SINGLES:	AWM STYLE 1569 105c-300v OR AWM STYLE 1007 80c-300v OR CSA TR64 90c OR CSA AWM 1 A/B 105c-300v	
PVC:	TEMPERATURE RATING	105c
	VOLTAGE RATING	300 VOLTS
	WALL THICKNESS	.016"
	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 O.D.	.080"
	WEIGHT PER THOUSAND FEET	6.94#
BONDED CABLE:	SPARK TESTED	5,000 VOLTS
	HEIGHT DIMENSION	.080"
	WIDTH DIMENSION	.160"
	WEIGHT PER THOUSAND FEET	13.88#
UL 2957 USE:	INTERNAL WIRING OF ELECTRONIC COMPUTERS AND ELECTRIC BUSINESS MACHINES.	