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

MATERIAL SPECIFICATION SHEET

#20 41/36 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**

CONDUCTOR:	#20 41/36 TINNED COPPER 1/2" SMOOTH BUNCHED
NOMINAL O.D.	.038"
APPROXIMATE CIRCULAR MILL AREA	1,025
WEIGHT PER THOUSAND FEET	3.15#
BASIC SPECIFICATION	ASTM B-174
PVC:	TEMPERATURE RATING
	UL1007 90c
	UL1569 105c
VOLTAGE RATING	300 VOLTS
ELONGATION	330% AVERAGE
TENSILE STRENGTH	2450 PSI AVE
SPECIFIC GRAVITY	1.32
DUROMETER (SHORE)	91 (A)
OXYGEN INDEX	28
BRITTLE POINT	-24c
SPARK TESTED	7,100 VOLTS
FINISHED OD	.070"
WEIGHT PER THOUSAND FEET	4.78#
USE:	INTERNAL WIRING OF APPLIANCES; OR INTERNAL WIRING OF APPLIANCES WHERE EXPOSED TO OIL AT A TEMPERATURE NOT EXCEEDING 60c or 80c, WHICHEVER IS APPLICABLE. WHERE NOT SUBJECTED TO MOVEMENT OR MECHANICAL DAMAGE. 600v PEAK FOR ELECTRONIC USE ONLY.

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