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 Reference No. 10003647

## MATERIAL SPECIFICATION SHEET

**#20 10/30 TINNED COPPER 1/64" PVC**  
**RoHS COMPLIANT**  
**AWM STYLE 1569 105c-300v**  
**AWM STYLE 1007 80c-300v VW-1 OR**  
**CSA TR 64 90c OR AWM 1 A/B 105c-300v FT-1**

**CONDUCTOR:** #20 10/30 TINNED COPPER 1/2" CONCENTRIC LAY  
 NOMINAL O.D. .038"  
 APPROXIMATE CIRCULAR MILL AREA 1,000  
 WEIGHT PER THOUSAND FEET 3.20#  
 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	.070"
WEIGHT PER THOUSAND FEET	4.83#

**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.

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