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 Reference No. 10003647

MATERIAL SPECIFICATION SHEET

**#16 19/0117 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:

#16 19/0117 TINNED COPPER 3/4" UNILAY
 NOMINAL O.D. .058"
 APPROXIMATE CIRCULAR MILL AREA 2601
 WEIGHT PER THOUSAND FEET 7.90#
 BASIC SPECIFICATION ASTM B 8
 ASTM B 286

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 7,100 VOLTS
 FINISHED OD .090"
 WEIGHT PER THOUSAND FEET 10.14#

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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