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 Schiller Park, IL 60176
 Reference No. 10000854
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 Reference No. 10003647

MATERIAL SPECIFICATION SHEET

#18 16/30 TINNED COPPER 1/64" PVC
RoHS COMPLIANT
AWM STYLE 1569 105c-300v OR
AWM STYLE 1007 80c-300v VW-1 OR
CSA TR64 90c CSA AWM 1 A/B 105c-300v FT-1

CONDUCTOR: #18 16/30 TINNED COPPER 1" LAY BUNCHED
 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#

USE: INTERNAL WIRING OF APPLIANCES; OR WHERE EXPOSED TO OIL AT A TEMPERATURE NOT EXCEEDING 60c. WHERE NOT SUBJECT TO MOVEMENT OR MECHANICAL DAMAGE. 600v PEAK FOR ELECTRONIC USE ONLY.

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