MATERIAL SPECIFICATION SHEET

#16 26/30 TC 1/32" PVC WITH .023" PVC JACKET
RoHS COMPLIANT
DOUBLE INSULATED UL APPLIANCE WIRE
AWM STYLE 1483 105c-600v VW-1
CSA AWM I A/B 105c-600v FT-1 OR CSA TR-32 90c-600v FT-1

CONDUCTOR:
#16 26/30 TINNED COPPER 1-1/4" BUNCHED LAY
NOMINAL O.D. .059"
APPROXIMATE CIRCULAR MILL AREA 2,600
WEIGHT PER THOUSAND FEET 8.10#
BASIC SPECIFICATION ASTM B 174

PVC:
TEMPERATURE RATING 105c
VOLTAGE RATING 600 VOLTS
ELONGATION 330%
SPECIFIC GRAVITY 1.32
DUROMETER DELAYED (SHORE) 91 (A)
TENSILE STRENGTH 2450 PSI
OXYGEN INDEX 28
BRITTLE POINT -24c
SPARK TESTED 10,000 VOLTS
FINISHED O.D. .121"

PVC JACKET:
TEMPERATURE RATING 105c
VOLTAGE RATING 600 VOLTS
FINISHED OD .167"
SPARK TESTED 10,000 VOLTS
WEIGHT PER THOUSAND FEET 19.63#

USE: INTERNAL WIRING OF APPLIANCES
(REINFORCED INSULATION) – 105c-600v

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