MATERIAL SPECIFICATION SHEET

#14 41/30 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: #14 41/30 TINNED COPPER 1-1/2" BUNCHED LAY
NOMINAL O.D. .075"
APPROXIMATE CIRCULAR MILL AREA 4,100
WEIGHT PER THOUSAND FEET 12.80#
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. .137"

PVC JACKET: TEMPERATURE RATING 105c
VOLTAGE RATING 600 VOLTS
FINISHED OD .183"
SPARK TESTED 10,000 VOLTS
WEIGHT PER THOUSAND FEET 25.91 #

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

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