MATERIAL SPECIFICATION SHEET

#18 16/30 TC 1/32" PVC WITH .018" 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:  #18 16/30 TINNED COPPER 1" BUNCHED LAY
                        NOMINAL O.D.     .048"
                        APPROXIMATE CIRCULAR MILL AREA 1,600
                        WEIGHT PER THOUSAND FEET 5.00#
                        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. .110"

PVC JACKET:
                        TEMPERATURE RATING 105c
                        VOLTAGE RATING 600 VOLTS
                        FINISHED OD .146"
                        SPARK TESTED 10,000 VOLTS
                        WEIGHT PER THOUSAND FEET 13.98#

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

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