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MATERIAL SPECIFICATION SHEET

#18 7/0152 TOPCOAT 1/32" XLPE
RoHS COMPLIANT
XLPE INSULATED APPLIANCE WIRE
UL AWM 3173 125C – 600V
SUITABLE FOR "SWITCHBOARD WIRE" IN THE UNITED STATES
CSA TYPE CL 1251 OR AWM I A/B 125C-600V FT2

CONDUCTOR: #18 7/0152 TOPCOAT 5/8" LAY
APPROXIMATE NOMINAL O.D. .046"
APPROXIMATE CIRCULAR MILL AREA 1,617
WEIGHT PER THOUSAND FEET 5.70#
BASIC SPECIFICATION ASTM B 470 TYPE I

**MOISTURE CURED
CROSS LINKED POLYETHYLENE:**
TEMPERATURE RATING 125c / -10c
VOLTAGE RATING 600 VOLTS
SPECIFIC GRAVITY 1.09
DUROMETER INSTANTANEOUS 53 SHORE D
DUROMETER 10 SECOND DELAY 48 SHORE D
TENSILE STRENGTH 2300 PSI AVERAGE
TENISLE ELONGATION AT BREAK 425%
SPARK TESTED 10,000 VOLTS
FINISHED O.D. .108"
WEIGHT PER THOUSAND FEET 9.02#

UL 3173 USE: INTERNAL WIRING OF APPLIANCES WHERE EXPOSED TO
TEMPERATURES NOT EXCEEDING 125c.

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