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Atlas Wire Corporation
Registered to ISO9001 and TS16949
Schiller Park, IL 60176
Reference No. 10000854
Tucson, AZ 85714
Reference No. 10003647

MATERIAL SPECIFICATION SHEET

**#18 7/0152 TC 1/32" PVC
ROHS COMPLIANT
XLPE INSULATED APPLIANCE WIRE
AWM STYLE 3321 150c-600v AC 750v DC X-LINK
CSA TYPE CL 1503 AWM 105c-600v 1-A/B FT-2**

CONDUCTOR: #18 7/0152 TC 3/4" CONCENTRIC
APPROXIMATE NOMINAL O.D. .046"
APPROXIMATE CIRCULAR MILL AREA 1,617
WEIGHT PER THOUSAND FEET 5.00#
BASIC SPECIFICATION ASTM B 8
ASTM B 286

CROSS LINKED POLYETHYLENE:
TEMPERATURE RATING 150c
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 8.62#

USE: INTERNAL WIRING OF APPLIANCE.