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

MATERIAL SPECIFICATION SHEET

**#18 16/30 TC 1/32" XLPE
RoHS COMPLIANT
CROSS LINKED POLYETHYLENE INSULATED
UL APPLIANCE WIRE STYLE 3321 150c-600v
CSA TYPE CL 1503 600V 150c AWM I - A/B FT2**

CONDUCTOR: #18 16/30 TC 1" LAY BUNCHED
APPROXIMATE NOMINAL O.D. .048"
APPROXIMATE CIRCULAR MILL AREA 1,600
WEIGHT PER THOUSAND FEET 5.00#
BASIC SPECIFICATION ASTM B 174

**MOISTURE CURED
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
TENSILE ELONGATION AT BREAK	425%
SPARK TESTED	8,000 VOLTS
FINISHED O.D.	.110"
WEIGHT PER THOUSAND FEET	8.71#

UL 3173 USE: INTERNAL WIRING OF APPLIANCES WHERE EXPOSED TO TEMPERATURES NOT EXCEEDING 150c.

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Revision 02-19-16