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Atlas Wire, LLC
Registered to ISO9001 and TS16949
Itasca, IL 60143
Reference No. 10000854
Tucson, AZ 85714
Reference No. 10003647

MATERIAL SPECIFICATION SHEET

**#16 26/30 TC 1/32" XLPE
RoHS COMPLIANT
XLPE INSULATED APPLIANCE WIRE
E25635 AWM STYLE 3173 125C-600V
SUITABLE FOR "SWITCHBOARD WIRE" IN THE UNITED STATES
CSA 150272 CL1251 OR AWM I - A/B 125C 600V FT-2**

CONDUCTOR: #16 26/30 TC 1-1/4" LAY BUNCHED
APPROXIMATE NOMINAL O.D. .059"
APPROXIMATE CIRCULAR MILL AREA 2,600
WEIGHT PER THOUSAND FEET 7.90#
BASIC SPECIFICATION ASTM B 174

**MOISTURE CURED
CROSS LINKED POLYETHYLENE:**

TEMPERATURE RATING	125c
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.	.121"
WEIGHT PER THOUSAND FEET	12.12#

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