



ATLAS WIRE LLC.  
 9525 RIVER STREET  
 SCHILLER PARK, ILLINOIS 60176  
 (847) 678-1210  
 (847) 678-1281 FAX  
 www.atlaswirecorp.com



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

## MATERIAL SPECIFICATION SHEET

**#16 26/30 TOPCOAT 1/32" PVC  
 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:** #16 26/30 TOPCOAT 1/2" LAY  
 APPROXIMATE NOMINAL O.D. .059"  
 APPROXIMATE CIRCULAR MILL AREA 2,600  
 WEIGHT PER THOUSAND FEET 8.40#  
 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  
 TENSILE ELONGATION AT BREAK 425%  
 SPARK TESTED 10,000 VOLTS  
 FINISHED O.D. .121"  
 WEIGHT PER THOUSAND FEET 12.63#

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

info@atlaswirecorp.com