



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

**#12 19/0185 BC 1/32" PVC**  
**RoHS COMPLIANT**  
**XLPE INSULATED APPLIANCE WIRE**  
**UL AWM STYLE 3173 125c – 600v**  
**CSA TYPE CL 1251 – 600v 125c AWM I A/B FT2**

**CONDUCTOR:** #12 19/0185 BC 1 1/4" UNILAY  
 APPROXIMATE NOMINAL O.D. .091"  
 APPROXIMATE CIRCULAR MILL AREA 6,503  
 WEIGHT PER THOUSAND FEET 20.11#  
 BASIC SPECIFICATION ASTM B 8  
 ASTM B 286

**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 10,000 VOLTS  
 FINISHED O.D. .153"  
 FINISHED O.D. TOLERANCE +/- .002"  
 WEIGHT PER THOUSAND FEET 25.84#

**USE:** INTERNAL WIRING OF APPLIANCES.