



ATLAS WIRE CORPORATION  
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ATLAS WIRE CORPORATION  
REGISTERED TO ISO 9002  
CERTIFICATE NO. A4894

## 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 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. .153"  
FINISHED O.D. TOLERANCE +/- .002"  
WEIGHT PER THOUSAND FEET 25.84#

**USE:** INTERNAL WIRING OF APPLIANCES.

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