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ATLAS WIRE CORPORATION  
REGISTERED TO ISO 9002  
CERTIFICATE NO. A4894

## MATERIAL SPECIFICATION SHEET

**#18 SOLID BC .032" XLPE  
RoHS COMPLIANT  
CROSS LINKED POLYETHYLENE INSULATED  
PET FENCE WIRE – 125c**

**CONDUCTOR:** #18 SOLID BARE COPPER  
NOMINAL O.D. .0403"  
APPROXIMATE CIRCULAR MILL AREA 1,624  
WEIGHT PER THOUSAND FEET 4.97#  
BASIC SPECIFICATION ASTM B 3

**MOISTURE CURED  
CROSS LINKED POLYETHYLENE:**

TEMPERATURE RATING 125c  
SPECIFIC GRAVITY 1.09  
TENSILE STRENGTH 2300 PSI AVERAGE  
TENSILE ELONGATION AT BREAK 425%  
SPARK TESTED 10,000 VOLTS  
FINISHED O.D. .1043"  
WEIGHT PER THOUSAND FEET 8.47#

**PACKAGING:** 6" x 6" SPOOLS  
1,000 FEET PER SPOOL  
4 SPOOLS PACKED IN A CARTON