



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

**#10 SOLID BC .020" PVC WITH .005" NYLON**  
**RoHS COMPLIANT**  
**THHN or THWN 600v**  
**GASOLINE AND OIL RESISTANT II**  
**or AWM STYLE 1317 600v OR (UL) TYPE T90 NYLON**  
**OR TWN 75 CSA AWM 1-A/B 105c FT-1**

**CONDUCTOR:** #10 SOLID BARE COPPER  
 APPROXIMATE NOMINAL O.D. .102"  
 APPROXIMATE CIRCULAR MILL AREA 10,382  
 WEIGHT PER THOUSAND FEET 31.74#  
 BASIC SPECIFICATION ASTM B 3

**PVC:** TEMPERATURE RATING 105c  
 VOLTAGE RATING 600v  
 ELONGATION 330%  
 SPECIFIC GRAVITY 1.35  
 DUROMETER DELAYED (SHORE) 92 (A)  
 TENSILE STRENGTH 2850 PSI  
 OXYGEN INDEX 29  
 BRITTLE POINT -25c

**NYLON:** ELONGATION 300%  
 SPECIFIC GRAVITY 1.13  
 TENSILE STRENGTH 11,500 PSI  
 OVERALL DIAMETER .154"  
 WEIGHT PER M FEET 37.20#  
 SPARK TESTED 10,000 VOLTS

**AWM USE:** INTERNAL WIRING OF APPLIANCES. GASOLINE AND OIL RESISTANT.

Info@atlaswirecorp.com