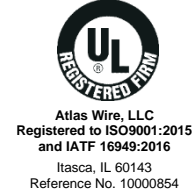




**® ATLAS WIRE LLC.**  
 1601 Glenlake Av.  
 Itasca, ILLINOIS 60143  
 (847) 678-1210  
 (847) 678-1281  
 www.atlaswirecorp.com



**MATERIAL SPECIFICATION SHEET**

**#20 10/30 BC 1/64" PVC WITH .005" NYLON**  
**RoHS COMPLIANT**  
**MACHINE TOOL WIRE**  
**GASOLINE AND OIL RESISTANT II**  
**or AWM STYLE 1452 1000v or 1316/1408 600v or**  
**CSA AWM I-A/B 105C FT-1**

**CONDUCTOR:** #20 10/30 BC 1/2"  
 APPROXIMATE NOMINAL O.D. .038"  
 APPROXIMATE CIRCULAR MILL AREA 1,000  
 WEIGHT PER THOUSAND FEET 3.20#  
 BASIC SPECIFICATION ASTM B 174

**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 .080"  
 WEIGHT PER M FEET 5.40#  
 SPARK TESTED 10,000 VOLTS

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

Info@atlaswirecorp.com