



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



MATERIAL SPECIFICATION SHEET

**#10 19/0234 BC .020" PVC WITH .005" NYLON
 RoHS COMPLIANT
 MACHINE TOOL WIRE or 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 19/0234 BARE COPPER 1-1/2"
 APPROXIMATE NOMINAL O.D. .116"
 APPROXIMATE CIRCULAR MILL AREA 10,404
 WEIGHT PER THOUSAND FEET 32.02#
 BASIC SPECIFICATION ASTM B 8
 ASTM B 286

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 .168"
 WEIGHT PER M FEET 38.30#
 SPARK TESTED 10,000 VOLTS

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

Info@atlaswirecorp.com