



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



Atlas Wire, LLC
 Registered to ISO9001:2015
 and IATF 16949:2016
 Itasca, IL 60143
 Reference No. 10000854



Atlas Wire, LLC
 Registered to ISO9001:2015
 Tucson, AZ 85714
 Reference No. 10003647

MATERIAL SPECIFICATION SHEET

**#16 26/30 BC .016" PVC WITH .005" NYLON
 RoHS COMPLIANT
 MACHINE TOOL WIRE or TFFN 600v
 GASOLINE AND OIL RESISTANT II
 or AWM STYLE 1452 1000v or 1316/1408 600v or
 CSA TEWN 105c-600v FT-1**

CONDUCTOR: #16 26/30 BC 1-1/4" LAY
 APPROXIMATE NOMINAL O.D. .059"
 APPROXIMATE CIRCULAR MILL AREA 2,600
 WEIGHT PER THOUSAND FEET 8.10#
 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 .101"
 WEIGHT PER M FEET 11.03#
 SPARK TESTED 10,000 VOLTS

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

Info@atlaswirecorp.com