



ATLAS WIRE, LLC
1601 GLENLAKE AVENUE
ITASCA, IL 60143
(847) 678-1210
(847) 678-1281 FAX
www.atlaswirecorp.com



Atlas Wire, LLC
Registered to ISO9001 and TS16949
Itasca, IL 60176
Reference No. 10000854
Tucson, AZ 85714
Reference No. 10003647

MATERIAL SPECIFICATION SHEET

**#16 26/30 BC 1/64" 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 BARE COPPER 1-1/4" LAY
NOMINAL OVERALL DIAMETER .059"
NOMINAL 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: USE: INTERNAL WIRING OF APPLIANCES; OR INTERNAL
WIRING OF APPLIANCES WHERE EXPOSED TO OIL & GASOLINE AT
A TEMPERATURE NOT EXCEEDING 60 DEGREES C.

UL 1316 - GASOLINE & OIL RESISTANT NOT EXCEEDING 60c
UL 1408 OIL & MOISTURE 60c-2,500V PEAK FOR ELECTRONIC USE ONLY
UL 1452- 3,500V PEAK FOR ELECTRONIC USE ONLY

Info@atlaswirecorp.com

Revision 09-07-18