



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

**#12 19/0185 TC .016" PVC WITH .005" NYLON
 RoHS COMPLIANT
 MACHINE TOOL WIRE or THHN or THWN 600v
 GASOLINE AND OIL RESISTANT II
 or AWM STYLE 1452 1000v or 1316/1408 600v or
 (UL) TYPE T90 NYLON or TWN75 CSA AWM 1-A/B 105c FT-1**

CONDUCTOR: #12 19/0185 TC 1-1/4" LAY
 APPROXIMATE NOMINAL O.D. .091"
 APPROXIMATE CIRCULAR MILL AREA 6,503
 WEIGHT PER THOUSAND FEET 20.11#
 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 .133"
 WEIGHT PER M FEET 24.30#
 SPARK TESTED 10,000 VOLTS

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

Info@atlaswirecorp.com