



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

#18 7/26 TC .031" PVC .004" NYLON
RoHS COMPLIANT
MIL-16878/19 TYPE DN
105c - 3,000 VOLTS

CONDUCTOR:

#18 7/26 TINNED COPPER 3/4" CONCENTRIC
NOMINAL O.D. .048"
APPROXIMATE CIRCULAR MILL AREA 1.779
WEIGHT PER THOUSAND FEET 5.56#
BASIC SPECIFICATION ASTM B-8
ASTM B-286

PVC:

TEMPERATURE RATING 105c
VOLTAGE RATING 3000 VOLTS
ELONGATION 330% AVG.
SPECIFIC GRAVITY 1.32
DUROMETER (SHORE) 91 (A)
TENSILE STRENGTH 2450 PSI AVG
SPARK TESTED 15,000 VOLTS
OXYGEN INDEX 28
BRITTLE POINT -24c
FINISHED O.D. .109"
WEIGHT PER 1,000 FEET 10.19#

NYLON:

ELONGATION 300%
TENSILE STRENGTH 7400 PSI @ 50%
RELATIVE HUMIDITY
SPECIFIC GRAVITY 1.13
OVERALL DIAMETER .117"
WEIGHT PER M FEET 10.82#

REVISION:

MIL-DTL-16878G - PRINT REQUIRED*

* OUR STANDARD IS PRINTED, IF NO PRINTING IS PREFERRED
PLEASE CALL THAT OUT AT TIME OF ORDER.

MEETS ALL REQUIREMENTS LISTED ON THE MIL-DTL-16878/19B DETAIL SPECIFICATION SHEET WITH THE EXCEPTION OF ATLAS CONDITIONING FOR THE HEAT RESISTANCE TEST AT 136c.

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Revision 02/22/16