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

MATERIAL SPECIFICATION SHEET

#14 19/0147 TC 1/64 PVC .005 NYLON
RoHS COMPLIANT

MTW OR THHN/THWN 90c-600v GASOLINE AND OIL RESISTANT II OR
AWM STYLE 1452 90c 1000v OR AWM STYLE 1316 105c 600v
AWM STYLE 1408 90c 600v TYPE T90 NYLON OR TWN75
CSA AWM 1 A/B 90c 300v FT-1

CONDUCTOR: #14 19/0147 TINNED COPPER 1" UNILAY
NOMINAL O.D. .071"
APPROXIMATE CIRCULAR MILL AREA 4,106
WEIGHT PER THOUSAND FEET 12.80#
BASIC SPECIFICATION ASTM B-8
ASTM B-286

PVC: TEMPERATURE RATING 105c
ELONGATION 330% AVERAGE
SPECIFIC GRAVITY 1.32
DUROMETER (SHORE) 46 (D)
MINIMUM TENSILE STRENGTH 3500 PSI
OXYGEN INDEX 30.5
BRITTLE POINT -18c
SPARK TESTED 10,000 VOLTS

NYLON: ELONGATION 300%
TENSILE STRENGTH 11,500 PSI
SPECIFIC GRAVITY 1.13
OVERALL DIAMETER .113"
WEIGHT PER M FEET 16.18#

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

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