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

MATERIAL SPECIFICATION SHEET

#18 19/30 TC .017" PVC
RoHS COMPLIANT
MIL-DTL- 16878/2 TYPE C 105c – 1000v OR
MIL -W-76D TYPE MWP 90c – 1000v

CONDUCTOR:

#18 19/30 TINNED COPPER 3/4" UNILAY
APPROXIMATE NOMINAL O.D. .050"
APPROXIMATE CIRCULAR MILL AREA 1,900
WEIGHT PER THOUSAND FEET 5.90#
BASIC SPECIFICATION ASTM B 8
ASTM B 286

PVC:

TEMPERATURE RATING 105c
VOLTAGE RATING 1000 VOLTS
ELONGATION 330% AVERAGE
SPECIFIC GRAVITY 1.32
DUROMETER (SHORE) 91 (A)
TENSILE STRENGTH 2450 PSI AVERAGE
OXYGEN INDEX 28
BRITTLE POINT -24c
SPARK TESTED 7,100 VOLTS
FINISHED O.D. .082"
WEIGHT PER THOUSAND FEET 8.05#

REVISION:

MIL-DTL-16878H – PRINT REQUIRED

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

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