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ATLAS WIRE CORPORATION
REGISTERED TO ISO 9002
CERTIFICATE NO. A4894

MATERIAL SPECIFICATION SHEET

#16 26/30 TINNED COPPER .017" PVC
RoHS COMPLIANT
MIL-W-16878/2 TYPE C 105c – 1000v
MIL -W-76D TYPE MWP 90c – 1000v

CONDUCTOR:

#16 26/30 TINNED COPPER 1 1/4" BUNCHED
APPROXIMATE NOMINAL O.D. .059"
APPROXIMATE CIRCULAR MILL AREA 2,600
WEIGHT PER THOUSAND FEET 8.10#
BASIC SPECIFICATION ASTM B 174

PVC:

TEMPERATURE RATING 105c
VOLTAGE RATING 1000 VOLTS
ELONGATION 330% AVERAGE
SPECIFIC GRAVITY 1.35
DUROMETER (SHORE) 92 (A)
TENSILE STRENGTH 2850 PSI AVERAGE
OXYGEN INDEX 29
BRITTLE POINT -25c
SPARK TESTED 5,000 VOLTS
FINISHED O.D. .095"
WEIGHT PER THOUSAND FEET 10.54#

REVISION:

M1L-W-16878E/2 - NO PRINTING REQUIRED*
M1L-W-16878F/2 - PRINT REQUIRED*

* OUR STANDARD IS UNPRINTED, IF PRINTING IS REQUIRED
PLEASE CALL THAT OUT AT TIME OF ORDER.

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