



ATLAS WIRE CORPORATION
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ATLAS WIRE CORPORATION
REGISTERED TO ISO 9002
CERTIFICATE NO. A4894

MATERIAL SPECIFICATION SHEET

#22 19/34 TC .016" PVC
RoHS COMPLIANT
MIL SPEC

MIL-W-16878/2 TYPE C 105c-1,000v OR
MIL-W-76D TYPE MWP 90c-1,000v

CONDUCTOR:

#22 19/34 TINNED COPPER 5/8" UNILAY
NOMINAL O.D. .030"
APPROXIMATE CIRCULAR MILL AREA 757
WEIGHT PER THOUSAND FEET 2.4#
BASIC SPECIFICATION ASTM B 174

PVC:

TEMPERATURE RATING TYPE MW 90c
TEMPERATURE RATING TYPE C 105c
VOLTAGE RATING 1000 VOLTS
WALL THICKNESS .016"
FINISHED OD .062"
ELONGATION 330% AVERAGE
TENSILE STRENGTH 2450 PSI AVERAGE
SPECIFIC GRAVITY 1.32
DUROMETER (SHORE) 91 (A)
OXYGEN INDEX 28
BRITTLE POINT -24c
SPARK TESTED 7,100 VOLTS
WEIGHT PER THOUSAND FEET 3.80#

REVISION:

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

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

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