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ATLAS WIRE CORPORATION
REGISTERED TO ISO 9002
CERTIFICATE NO. A4894

MATERIAL SPECIFICATION SHEET

#18 16/30 TC .017" PVC
RoHS COMPLIANT
MIL SPEC
MIL-16878/2 TYPE C 1000V-105C
MIL-W-76D TYPE MWP 1000V - 90C

CONDUCTOR: #18 16/30 TINNED COPPER 1" BUNCHED
NOMINAL O.D. .048"
APPROXIMATE CIRCULAR MILL AREA 1,600
WEIGHT PER THOUSAND FEET 5.00#
BASIC SPECIFICATION ASTM B 174

LEAD-FREE PVC:
TEMPERATURE RATING TYPE C 105c
VOLTAGE RATING 1000 VOLTS
WALL THICKNESS .017"
FINISHED OD .082"
ELONGATION 330% AVERAGE
TENSILE STRENGTH 2850 PSI AVERAGE
SPECIFIC GRAVITY 1.35
DUROMETER (SHORE) 92 (A)
OXYGEN INDEX 29
BRITTLE POINT -25c
SPARK TESTED 5,000 VOLTS
WEIGHT PER THOUSAND FEET 7.08#

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.