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ATLAS WIRE CORPORATION
 REGISTERED TO ISO 9001
 CERTIFICATE NO. A4894

MATERIAL SPECIFICATION SHEET

#18 19/30 TC .010" PVC .003" NYLON
RoHS COMPLIANT
MIL-DTL-16878/17 TYPE BN 105c – 600v

CONDUCTOR:	#18 19/30 TINNED COPPER 3/4" UNILAY NOMINAL O.D. .050" APPROXIMATE CIRCULAR MILL AREA 1,900 WEIGHT PER THOUSAND FEET 5.9# BASIC SPECIFICATION ASTM B-8 ASTM B-286
PVC:	TEMPERATURE RATING 105c VOLTAGE RATING 600 VOLTS ELONGATION 300% AVG. SPECIFIC GRAVITY 1.34 DUROMETER (SHORE) 47 (D) COLD BEND TEST -54 TENSILE STRENGTH 3000 PSI AVG SPARK TESTED 5,700 VOLTS FINISHED O.D. .068" WEIGHT PER 1,000 FEET 6.0#
NYLON:	ELONGATION 300% TENSILE STRENGTH 11,500 PSI AVERAGE SPECIFIC GRAVITY 1.13 OVERALL DIAMETER .074" WEIGHT PER M FEET 7.034#
REVISION:	MIL-DTL-16878H - PRINT REQUIRED* * OUR STANDARD IS PRINTED, IF NO PRINTING IS PREFERRED PLEASE CALL THAT OUT AT TIME OF ORDER.
STANDARD EXCEPTIONS:	HEAT RESISTANCE TEST PASSES 136c FOR 96 HOURS. PASSES HORIZONTAL FLAME TEST PER UL.

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