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Atlas Wire Corporation
Registered to ISO9001 and TS16949
Schiller Park, IL 60176
Reference No. 10000854
Tucson, AZ 85714
Reference No. 10003647

MATERIAL SPECIFICATION SHEET

#22 19/34 TC .010" PVC .003" NYLON
RoHS COMPLIANT
MIL-DTL-16878/17 TYPE BN 105c – 600v

CONDUCTOR:	#22 19/34 TINNED COPPER 5/8" UNILAY NOMINAL O.D. .030" APPROXIMATE CIRCULAR MILL AREA 757 WEIGHT PER THOUSAND FEET 2.40# BASIC SPECIFICATION ASTM B-174
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. .051" WEIGHT PER 1,000 FEET 3.16#
NYLON:	ELONGATION 300% TENSILE STRENGTH 11,500 PSI AVG SPECIFIC GRAVITY 1.13 OVERALL DIAMETER .057" WEIGHT PER M FEET 3.38#
REVISION:	MIL-DTL-16787H - PRINT REQUIRED* * OUR STANDARD IS PRINTED, IF NO PRINTING IS PREFERRED PLEASE CALL THAT OUT AT TIME OF ORDER.
STANDARD EXCEPTION:	HEAT RESISTANCE TEST PASSES 136c FOR 96 HOURS. PASSES HORIZONTAL FLAME TEST PER UL.

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Revision 11/17/14

