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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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