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ATLAS WIRE CORPORATION  
REGISTERED TO ISO 9001  
CERTIFICATE NO. A4894

## MATERIAL SPECIFICATION SHEET

**#20 19/32 TC .010" PVC**  
**RoHS COMPLIANT**  
**MIL-W-16878/1**  
**TYPE B**  
**105c - 600 VOLTS**

<b>CONDUCTOR:</b>	#20 19/32 TINNED COPPER 5/8" UNILAY CONDUCTOR	
	NOMINAL O.D.	.040"
	APPROXIMATE CIRCULAR MILL AREA	1,201
	WEIGHT PER THOUSAND FEET	3.75#
	BASIC SPECIFICATION	ASTM B-8 ASTM B-286
<b>PVC:</b>	TEMPERATURE RATING	105c
	VOLTAGE RATING	600 VOLTS
	ELONGATION	300% AVG.
	SPECIFIC GRAVITY	1.34
	DUROMETER (SHORE)	47 (D)
	TENSILE STRENGTH	3000 PSI AVG
	OXYGEN INDEX	25
	BRITTLE POINT	-29c
	SPARK TESTED	3,500 VOLTS
	FINISHED O.D.	.060"
	WEIGHT PER 1,000 FEET	4.70#

<b>REVISION:</b>	M1L-W-16878E/1	-	NO PRINTING REQUIRED*
	M1L-W-16878F/1	-	PRINT REQUIRED*

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