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ATLAS WIRE CORPORATION  
REGISTERED TO ISO 9001  
CERTIFICATE NO. A4894

## MATERIAL SPECIFICATION SHEET

**#22 7/30 TC .016" PVC**  
**RoHS Compliant**  
**MIL-W-76D TYPE MWP**  
**80c - 1,000 VOLTS**

<b>CONDUCTOR:</b>	#22 7/30 TINNED COPPER 3/4" CONCENTRIC	
	NOMINAL O.D.	.030"
	APPROXIMATE CIRCULAR MILL AREA	700
	WEIGHT PER THOUSAND FEET	2.20#
	BASIC SPECIFICATION	ASTM B-8 ASTM B-286
<b>PVC:</b>	TEMPERATURE RATING	105c
	VOLTAGE RATING	1,000 VOLTS
	ELONGATION	330% AVG.
	SPECIFIC GRAVITY	1.32
	DUROMETER (SHORE)	91 (A)
	TENSILE STRENGTH	2450-PSI AVG
	SPARK TESTED	7,100 VOLTS
	OXYGEN INDEX	28
	BRITTLE POINT	-24c
	FINISHED O.D.	.062"
	WEIGHT PER 1,000 FEET	3.59#

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