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ATLAS WIRE CORPORATION  
REGISTERED TO ISO 9001  
CERTIFICATE NO. A4894

## MATERIAL SPECIFICATION SHEET

**#22 7/0096 TINNED COPPER .010" PVC**  
**RoHS COMPLIANT**  
**2/CONDUCTOR TWISTED PAIR**  
**UL AWM STYLE 1061 80c-300v or**  
**UL AWM STYLE 10002 105c-300v or**  
**CSA AWM I A/B 80c-300v FT1 SR PVC**

<b>CONDUCTOR:</b>	#22 7/0096 TINNED COPPER 3/4" CONCENTRIC	
	NOMINAL O.D.	.029"
	APPROXIMATE CIRCULAR MILL AREA	646
	WEIGHT PER THOUSAND FEET	2.00#
	BASIC SPECIFICATION	ASTM B-8 ASTM B-286
<b>PVC:</b>	TEMPERATURE RATING	105c
	VOLTAGE RATING	300v
	ELONGATION	240% AVERAGE
	SPECIFIC GRAVITY	1.30
	DUROMETER (SHORE)	63 (D)
	TENSILE STRENGTH	3,500 PSI
	OXYGEN INDEX	29.5
	BRITTLE POINT	-30c
	SPARK TESTED	7,100 VOLTS
	FINISHED O.D.	.049"
	WEIGHT PER THOUSAND FEET	2.74#
<b>TWISTED CABLE:</b>	LAY LENGTH	1/2" INCH
	WEIGHT PER THOUSAND FEET	5.48#
<b>USE:</b>	INTERNAL WIRING IN BOOKEEPING, ACCOUNTING TIME-RECORDING MACHINES, OR ELECTRONIC EQUIPMENT IF WITHIN A CHASSIS OR PROTECTED FROM MECHANICAL INJURY.	