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ATLAS WIRE CORPORATION  
REGISTERED TO ISO9001:2000  
CERTIFICATE NO. A4894

## MATERIAL SPECIFICATION SHEET

**#22 7/30 TINNED COPPER 1/64" PVC**  
**RoHS COMPLIANT**  
**2/CONDUCTOR BONDED RIBBON CABLE**  
**AWM STYLE 2957 105c-300v OR CSA TR64 90c FT1 OR**  
**CSA AWM 1 A/B 105c-300v FT1**

<b>CONDUCTOR:</b>	#22 7/30 TINNED COPPER 3/4" CONCENTRIC LAY	
	NOMINAL O.D.	.030"
	APPROXIMATE CIRCULAR MILL AREA	700
	WEIGHT PER THOUSAND FEET	2.20#
	BASIC SPECIFICATION	ASTM B 8 ASTM B 286
<b>INSULATED SINGLES:</b>	AWM STYLE 1569 105c-300v OR AWM STYLE 1007 80c-300v OR CSA TR64 90c FT1 OR CSA AWM 1 A/B 105c-600v FT1	
<b>PVC:</b>	TEMPERATURE RATING	105c
	VOLTAGE RATING	300 VOLTS
	WALL THICKNESS	.016"
	ELONGATION	330% AVERAGE
	TENSILE STRENGTH	2450 PSI AVERAGE
	SPECIFIC GRAVITY	1.32
	DUROMETER (SHORE)	91 (A)
	OXYGEN INDEX	28
	BRITTLE POINT	-24c
	SPARK TESTED	7,100 VOLTS
	FINISHED O.D.	.062"
	WEIGHT PER THOUSAND FEET	3.60#
<b>BONDED CABLE:</b>	SPARK TESTED	7,100 VOLTS
	HEIGHT DIMENSION	.062"
	WIDTH DIMENSION	.124"
	WEIGHT PER THOUSAND FEET	7.20#
<b>UL 2957 USE:</b>	INTERNAL WIRING OF ELECTRONIC COMPUTERS AND ELECTRIC BUSINESS MACHINES	

