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## MATERIAL SPECIFICATION SHEET

**#24 7/32 TINNED COPPER 1/64" PVC**  
**RoHS COMPLIANT**  
**AWM STYLE 1569 105c-300v**  
**AWM STYLE 1007 80c-300v VW-1 OR**  
**CSA TR 64 90c OR CSA AWM 1 A/B 105c-300v FT-1**

<b>CONDUCTOR:</b>	#24 7/32 TINNED COPPER 3/4" LAY	
	NOMINAL O.D.	.024"
	APPROXIMATE CIRCULAR MILL AREA	442
	WEIGHT PER THOUSAND FEET	1.40#
	BASIC SPECIFICATION	ASTM B 8 ASTM B 286
<b>PVC:</b>	TEMPERATURE RATING	UL1007 80c UL1569 105c
	VOLTAGE RATING	300 VOLTS
	ELONGATION	330% AVERAGE
	SPECIFIC GRAVITY	1.32
	DUROMETER (SHORE)	91 (A)
	TENSILE STRENGTH	2450 PSI AVERAGE
	OXYGEN INDEX	28
	BRITTLE POINT	-24c
	SPARK TESTED	7,100 VOLTS
	FINISHED OD	.056"
	WEIGHT PER THOUSAND FEET	2.61#
<b>USE:</b>	INTERNAL WIRING OF APPLIANCES; OR WHERE EXPOSED TO OIL AT TEMPERATURES NOT EXCEEDING 60c. WHERE NOT SUBJECT TO MOVEMENT OR MECHANICAL DAMAGE. 600v PEAK FOR ELECTRONIC USE ONLY.	

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