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 Reference No. 10000854  
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 Reference No. 10003647

## MATERIAL SPECIFICATION SHEET

**#18 19/0092 BARE COPPER 1/64" PVC  
 RoHS COMPLIANT**

**AWM STYLE 1569 105c-300v OR AWM STYLE 1007 80c-300v OR  
 CSA TR64 90c OR CSA AWM 1 A/B 105c-300v**

<b>CONDUCTOR:</b>	#18 19/0092 BARE COPPER 5/8" UNILAY	
	NOMINAL O.D.	.046"
	APPROXIMATE CIRCULAR MILL AREA	1,608
	WEIGHT PER THOUSAND FEET	4.90#
	BASIC SPECIFICATION	ASTM B-8 ASTM B-286
<b>PVC:</b>	TEMPERATURE RATING	UL1007 90c UL1569 105c
	VOLTAGE RATING	300 VOLTS
	WALL THICKNESS	.016"
	FINISHED OD	.078"
	ELONGATION	330% AVERAGE
	TENSILE STRENGTH	2850 PSI AVERAGE
	SPECIFIC GRAVITY	1.35
	DUROMETER (SHORE)	92 (A)
	OXYGEN INDEX	29
	BRITTLE POINT	-25c
	SPARK TESTED	5,000 VOLTS
	WEIGHT PER THOUSAND FEET	6.77#

**USE:** UL1007: INTERNAL WIRING OF APPLIANCES; OR  
 INTERNAL WIRING OF APPLIANCES WHERE EXPOSED TO  
 OIL AT A TEMPERATURE NOT EXCEEDING 60c OR 80c.

UL1569: INTERNAL WIRING OF APPLIANCES OR  
 ELECTRONIC EQUIPMENT WHERE NOT SUBJECTED TO  
 MOVEMENT OR MECHANICAL DAMAGE.

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