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 Reference No. 10003647

## MATERIAL SPECIFICATION SHEET

**#18 SOLID BC 1/32" PVC**  
**RoHS COMPLIANT**  
**UL FIXTURE WIRE and AWM STYLE 1013 90c-600v**  
**CSA TEW or AWM 105c-600v FT1**

<b>CONDUCTOR:</b>	#18 SOLID BARE COPPER	
	APPROXIMATE NOMINAL O.D.	.0403"
	APPROXIMATE CIRCULAR MILL AREA	1,624
	WEIGHT PER THOUSAND FEET	4.97#
	BASIC SPECIFICATION	ASTM B 3
<b>PVC:</b>	TEMPERATURE RATING	105c
	VOLTAGE RATING	600 VOLTS
	ELONGATION	330% AVG
	SPECIFIC GRAVITY	1.32
	DUROMETER (SHORE)	91 (A)
	TENSILE STRENGTH	2,450 PSI AVG
	OXYGEN INDEX	28
	BRITTLE POINT	-24c
	SPARK TESTED	10,000 VOLTS
	FINISHED O.D.	.103"
	WEIGHT PER THOUSAND FEET	9.15#
<b>USE:</b>	INTERNAL WIRING OF APPLIANCES; OR INTERNAL WIRING OF APPLIANCES WHERE EXPOSED TO OIL AT A TEMPERATURE NOT EXCEEDING 60c. 2,500v PEAK FOR ELECTRONIC USE ONLY	

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