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 Reference No. 10000854  
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 Reference No. 10003647

## MATERIAL SPECIFICATION SHEET

**#16 SOLID BC 1/32" PVC  
 RoHS COMPLIANT**

**AWM STYLES 1015 & 1230 105c-600v  
 AWM STYLE 1032 90c-1,000v AWM STYLES 1013/1335 90c-600v  
 CSA TEW or AWM 1 A/B 105c-600v or CSA TR-32 90c  
 CSA OIL AND WATER RESISTANT 75c FT1**

<b>CONDUCTOR:</b>	#16 SOLID BARE COPPER	
	APPROXIMATE NOMINAL O.D.	.0508"
	APPROXIMATE CIRCULAR MILL AREA	2,583
	WEIGHT PER THOUSAND FEET	7.90#
	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.	.113"
	WEIGHT PER THOUSAND FEET	12.70#
<b>USE:</b>	INTERNAL WIRING OF APPLIANCES; OR INTERNAL WIRING OF APPLIANCES WHERE EXPOSED TO OIL AT A TEMPERATURE NOT EXCEEDING 60c.	
<b>UL1230,1335:</b>	MOISTURE RATING 60c.	
<b>UL1032:</b>	3,500v PEAK FOR ELECTRONIC USE ONLY	
<b>UL 1015,1013:</b>	2,500v PEAK FOR ELECTRONIC USE ONLY	