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MATERIAL SPECIFICATION SHEET

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

**12 AWG. E25635 RU AWM 1015/1230 105C 600V OR
 AWM 1013/1335 90C 600V OR AWM STYLE 1032 90C 1000V VW-1 CSA 150272 TR-32
 90C FT1 OR TEW 105C 600V FT1 OR AWM I A/B 105C 600V O W 75C FT-1**

CONDUCTOR:	#12 SOLID BARE COPPER	
	APPROXIMATE NOMINAL O.D.	.081"
	APPROXIMATE CIRCULAR MILL AREA	6,529
	WEIGHT PER THOUSAND FEET	20.00#
	BASIC SPECIFICATION	ASTM B 3
PVC:	TEMPERATURE RATING	105c
	VOLTAGE RATING	600 VOLTS
	ELONGATION	330% AVG
	TENSILE STRENGTH	2,450 PSI AVG
	SPECIFIC GRAVITY	1.32
	DUROMETER (SHORE)	91 (A)
	OXYGEN INDEX	28
	BRITTLE POINT	-24c
	SPARK TESTED	10,000 VOLTS
	FINISHED O.D.	.144"
	WEIGHT PER THOUSAND FEET	26.56#
	AMPERAGE* (suggested):	45

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

UL1230,1335 : MOISTURE RATING 60c.
UL1032 : 3,500v PEAK FOR ELECTRONIC USE ONLY
UL 1015, 1013: 2,500v PEAK FOR ELECTRONIC USE ONLY

*Wire amperage rating are based on several factors, this is only a recommendation. Please consult relevant applicable standards for application specific information.