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MATERIAL SPECIFICATION SHEET

#18 SOLID BC 1/32" PVC RoHS COMPLIANT

18 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:	#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
PVC:	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#
USE:	INTERNAL WIRING OF APPLIANCES; OR INTERNAL WIRING OF APPLIANCES WHERE 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	