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 Reference No. 10000854  
 Tucson, AZ 85714  
 Reference No. 10003647

**MATERIAL SPECIFICATION SHEET**

**#18 16/30 BC .031" PVC - .031" PVC JACKET  
 RoHS COMPLIANT  
 AWM STYLE 1120 105C 600V VW-1  
 CSA AWM I A/B 105C 600V FT-1**

**CONDUCTOR:** #18 16/30 BARE COPPER 1" BUNCHED CONDUCTOR  
 NOMINAL O.D. .048"  
 APPROXIMATE CIRCULAR MILL AREA 1,600  
 WEIGHT PER THOUSAND FEET 5.00#  
 BASIC SPECIFICATION ASTM B 174

**PVC:** TEMPERATURE RATING 105c  
 VOLTAGE RATING 600v  
 ELONGATION 330% AVERAGE  
 SPECIFIC GRAVITY 1.32  
 DUROMETER (SHORE) 91 (A)  
 TENSILE STRENGTH 2450 PSI  
 SPARK TESTED 10,000 VOLTS  
 OXYGEN INDEX 28  
 BRITTLE POINT -24c  
 FINISHED O.D. (Tolerance of + or - .002") .110"  
 WEIGHT PER THOUSAND FEET 9.63#

**PVC JACKET – RoHS COMPLIANT**

**PVC JACKET:** TEMPERATURE RATING 105c  
 VOLTAGE RATING 300v  
 ELONGATION 330% AVERAGE  
 SPECIFIC GRAVITY 1.32  
 DUROMETER (SHORE) 91 (A)  
 TENSILE STRENGTH 2450 PSI  
 SPARK TESTED 10,000 VOLTS  
 FINISHED O.D. (Tolerance of + or - .002") .172"  
 WEIGHT PER THOUSAND FEET 17.89# (estimated)

**USE:** INTERNAL WIRING OF APPLIANCES OR PHONOGRAPH  
 PICK-UP AND VOLUME CONTROL