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

## MATERIAL SPECIFICATION SHEET

**#10 105/30 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**

**CONDUCTOR:** #10 105/30 BARE COPPER 2" BUNCHED  
 APPROXIMATE NOMINAL O.D. .121  
 APPROXIMATE CIRCULAR MILL AREA 10,500  
 WEIGHT PER THOUSAND FEET 32.20#  
 BASIC SPECIFICATION ASTM B 174

**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. .182"  
 WEIGHT PER THOUSAND FEET 41.10#

**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

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