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 Reference No. 10000854  
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 Reference No. 10003647

**MATERIAL SPECIFICATION SHEET**

**#10 105/30 TC 1/32" PVC**

**RoHS COMPLIANT**

**MACHINE TOOL WIRE 600V N.E.C. STANDARD BOAT CABLE &  
 AWM STYLES 1015 & 1230 105C – 600V OR AWM 1032 90C – 1,000V OR  
 AWM 1013 & 1011 & 1335 90C – 600V VW-1  
 CSA TEW OR AWM I A/B 105C-600V FT1 CSA OIL & WATER  
 RESISTANT 75C FT1 CSA TR-32 90c**

**CONDUCTOR:** #10 105/30 TINNED 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. .183"  
 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