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 Reference No. 10003647

## MATERIAL SPECIFICATION SHEET

**#10 105/30 TC 3/64" PVC**  
**RoHS COMPLIANT**  
**UL APPLIANCE WIRE STYLES 1028 & 1231 105C – 600V**  
**VW-1 MOISTURE RESISTANT 60C**  
**& CSA TEW 105C-600V FT1**

**CONDUCTOR:**

#10 105/30 TC 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 320% AVERAGE  
 TENSILE STRENGTH 2450 PSI AVERAGE  
 SPECIFIC GRAVITY 1.34  
 DUROMETER (SHORE) 85 (A)  
 OXYGEN INDEX 25  
 BRITTLE POINT -25c  
 SPARK TESTED 12,500 VOLTS  
 NOMINAL O.D. .214"  
 WEIGHT PER THOUSAND FEET 46.92#

**USE:**

INTERNAL WIRING OF APPLIANCES WHERE EXPOSED TO TEMPERATURES NOT EXCEEDING 105 DEG C: OR WHERE EXPOSED TO OIL AT A TEMPERATURE NOT EXCEEDING 60 DEG C. MOISTURE RESISTANT 60C. 2500 VOLTS PEAK – FOR ELECTRONIC USE ONLY.