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## MATERIAL SPECIFICATION SHEET

**#22 7/30 TC 1/64" PVC WITH .031" PVC JACKET**  
**RoHS COMPLIANT**  
**DOUBLE INSULATED UL APPLIANCE WIRE**  
**AWM STYLE 1509 105c-300v VW-1**  
**CSA AWM I A/B 105c-300v FT-1**

**CONDUCTOR:** #22 7/30 TINNED COPPER 3/4" BUNCHED LAY  
 NOMINAL O.D. .030"  
 APPROXIMATE CIRCULAR MILL AREA 700  
 WEIGHT PER THOUSAND FEET 2.20#  
 BASIC SPECIFICATION ASTM B 8  
 ASTM B 286

**PVC:** TEMPERATURE RATING 105c  
 VOLTAGE RATING 300 VOLTS  
 ELONGATION 330%  
 SPECIFIC GRAVITY 1.32  
 DUROMETER DELAYED (SHORE) 91 (A)  
 TENSILE STRENGTH 2450 PSI  
 OXYGEN INDEX 28  
 BRITTLE POINT -24c  
 SPARK TESTED 7,100 VOLTS  
 FINISHED O.D. .062"

**PVC JACKET:** TEMPERATURE RATING 105c  
 UL1569 105c  
 VOLTAGE RATING 300 VOLTS  
 FINISHED OD .124"  
 SPARK TESTED 10,000 VOLTS  
 WEIGHT PER THOUSAND FEET 9.04#

**USE:** INTERNAL WIRING OF APPLIANCES  
 (REINFORCED INSULATION) – 105c-300v