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

## MATERIAL SPECIFICATION SHEET

**#24 SOLID TINNED COPPER 1/64" PVC**  
**RoHS COMPLIANT**  
**AWM STYLE 1569 105c-300v**  
**AWM STYLE 1007 80c-300v VW-1 OR**  
**CSA TR 64 90c OR AWM 1 A/B 105c-300v FT-1**

**CONDUCTOR:**

#24 SOLID TINNED COPPER  
 NOMINAL O.D. .0201"  
 APPROXIMATE CIRCULAR MILL AREA 404  
 WEIGHT PER THOUSAND FEET 1.25#  
 BASIC SPECIFICATION ASTM B 33

**PVC:**

TEMPERATURE RATING UL1007 80c  
 UL1569 105c  
 VOLTAGE RATING 300 VOLTS  
 ELONGATION 300% AVERAGE  
 SPECIFIC GRAVITY 1.34  
 DUROMETER (SHORE) 47 (D)  
 TENSILE STRENGTH 3000 PSI AVERAGE  
 OXYGEN INDEX 25  
 BRITTLE POINT -29c  
 SPARK TESTED 5,000 VOLTS  
 FINISHED OD .052"  
 WEIGHT PER THOUSAND FEET 2.34#

**USE:**

INTERNAL WIRING OF APPLIANCES; OR WHERE  
 EXPOSED TO OIL AT TEMPERATURES NOT EXCEEDING  
 60c. WHERE NOT SUBJECT TO MOVEMENT OR  
 MECHANICAL DAMAGE.  
 600v PEAK FOR ELECTRONIC USE ONLY.

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