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 Reference No. 10000854  
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 Reference No. 10003647

## MATERIAL SPECIFICATION SHEET

**#28 7/36 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 CSA AWM 1 A/B 105c-300v FT-1**

**CONDUCTOR:** #28 7/36 TINNED COPPER 1/3" CONCENTRIC LAY  
 NOMINAL O.D. .015"  
 APPROXIMATE CIRCULAR MILL AREA 175  
 WEIGHT PER THOUSAND FEET 0.60#  
 BASIC SPECIFICATION ASTM B 8  
 ASTM B 286

**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 .047"  
 WEIGHT PER THOUSAND FEET 1.54#

**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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