

# STERLING

## WIRE & CABLE

### SPECIFICATION SHEET

**1007-28-7-X**

28(7X36)TC UL1007/1569 CSA TR-64  
REACH & ROHS COMPLIANT

**COPPER:**

28(7X36) TINNED COPPER  
BASIC SPECIFICATION ASTM B-8 04  
.015 NOMINAL DIAMETER (INCHES) +/- .002  
NOMINAL DIAMETER OF INDIVIDUAL STRANDS .0050 (INCHES)  
APPROXIMATE CIRCULAR MIL AREA 175

**INSULATION:**

MANUFACTURED TO UL 1007/1569 CLASS 12 PVC  
RATED AT 80 C OR 105C AS AWM 1569 300 VOLTS -40C  
.015 MIL MIN AVG WALL THICKNESS .013 MIL MIN AT ANY POINT  
92 DUROMETER SHORE A HARDNESS                      ASTM D-2240 TEST METHOD  
SPECIFIC GRAVITY 1.35 (+/- .02)                      ASTM D- 792 TEST METHOD  
TENSILE STRENGTH 2600                                      ASTM D- 638 TEST METHOD  
ELONGATION % 280    ASTM D- 638 TEST METHOD  
VW-1 FLAME RESISTANT

**FINISHED O.D.:**

.035 NOMINAL DIAMETER ( +/- .002)

**PACKAGING:**

REELS OR DRUMS

**USAGE:**

(AS DEFINED BY UL) INTERNAL WIRING OF APPLIANCES WHERE EXPOSED TO OIL AT  
TEMPERATURE NOT EXCEEDING 60C. TAGS MAY INDICATE THE FOLLOWING: 600V PEAK---  
FOR ELECTRONIC USE ONLY.