

STERLING

WIRE & CABLE

SPECIFICATION SHEET

1007-22-7-X

22(7X0096)TC UL1007/1569 CSA TR-64
REACH & ROHS COMPLIANT

COPPER:

22(7X0096) TINNED COPPER
BASIC SPECIFICATION ASTM B-8 04
.029 NOMINAL DIAMETER (INCHES) +/- .002
NOMINAL DIAMETER OF INDIVIDUAL STRANDS .0096 (INCHES)
APPROXIMATE CIRCULAR MIL AREA 640
MAXIMUM DC RESISTANCE 17.10 OHMS/1000' AT 20 C

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
LOW TEMP BRITTLENESS -25C

FINISHED O.D.:

.059 NOMINAL DIAMETER (+/- .003)

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.