

STERLING

WIRE & CABLE

SPECIFICATION SHEET

1007-24-7-X

24(7X32)TC UL1007/1569 CSA TR-64
REACH & ROHS COMPLIANT

COPPER:

24(7X32) TINNED COPPER
BASIC SPECIFICATION ASTM B-8 04
.024 NOMINAL DIAMETER (INCHES) +/- .002
NOMINAL DIAMETER OF INDIVIDUAL STRANDS .00795 (INCHES)
APPROXIMATE CIRCULAR MIL AREA 448
MAXIMUM DC RESISTANCE 27 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

FINISHED O.D.:

.054 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.