

STERLING

WIRE & CABLE

SPECIFICATION SHEET

1007-18-16-X

18(16X30)TC UL1007/1569 CSA TR-64 FT1
REACH & ROHS COMPLIANT

COPPER:

18(16X30) TINNED COPPER
1 ½" LAY MAX
BASIC SPECIFICATION ASTM B -8 04
.047 NOMINAL DIAMETER (INCHES) +/- .002
NOMINAL DIAMETER OF INDIVIDUAL STRANDS .0100
APPROXIMATE CIRCULAR MIL AREA 1620
MAXIMUM DC RESISTANCE 12.10 OHMS/1000' AT 20 C

INSULATION:

MANUFACTURED TO UL 1007/1569 CLASS 12 PVC
RATED AT 80C OR 105 C 300 VOLTS AS AWM 1569 -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 RATED
COLD RATED -40C

FINISHED O.D.:

.079 NOMINAL DIAMETER (+/- .003)

PACKAGING:

REELS OR DRUMS

USAGE:

(AS DEFINED BY UL) INTERNAL WIRING OF APPLIANCES WHERE EXPOSED TO OIL AT
TEMPERATURE NOT EXCEEDING 60 C. TAGS MAY INDICATE THE FOLLOWING: 600 V PEAK
FOR ELECTRONIC USE ONLY. ALSO MEETS CSA AWM I A FT1 105C