

STERLING

WIRE & CABLE

SPECIFICATION SHEET

1015-18-16-X

18(16X30)TC UL 1015/1230/1032/MTW CSA TEW FT-1
REACH/ROHS COMPLIANT

COPPER: 18(16X30) TIN COPPER 1" LAY LENGTH MAX

BASIC SPECIFICATION ASTM B -174
.048 NOMINAL DIAMETER (INCHES)
NOMINAL DIAMETER OF INDIVIDUAL STRANDS .010 (INCHES)
APPROXIMATE CIRCULAR MIL AREA 2304

INSULATION: MANUFACTURED TO UL 1015 CLASS 12 PVC
RATED AT 105 C 600 VOLTS AC 750 VOLTS DC
.030 MIL MIN AVG WALL THICKNESS .027 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
LOW TEMP BRITTLINESS -25C ASTM D- 746 TEST METHOD

FINISHED O.D.: .108 NOMINAL DIAMETER (+/- .002)

PACKAGING: REELS (100, 500, and 1000)

USAGE: (AS DEFINED BY UL) INTERNAL WIRING OF APPLIANCES OR INTERNAL WIRING OF
APPLIANCES WHERE EXPOSED TO OIL AT A TEMPERATURE NOT EXCEEDING
60 C. 2500 VOLTS PEAK ----- FOR ELECTRONICS USE ONLY ALSO RATED UL1032 1000V
90C AND MTW 90C 600V