

STERLING

WIRE & CABLE

SPECIFICATION SHEET

1015-10-105-X

10 105/30 TC UL1015/1230/1032/MTW/BOAT CABLE CSA TEW FT-1
REACH & ROHS COMPLIANT

COPPER: 10 105/30 TIN COPPER 2" LAY LENGTH

BASIC SPECIFICATIONS ASTM B-174 ASTM B 33

.117 NOMINAL DIAMETER (INCHES)

NOMINAL DIAMETER OF INDIVIDUAL STRANDS .010 (INCHES)

APPROXIMATE CIRCULAR MIL AREA 10,450

INSULATION: MANUFACTURED TO UL 1015 CLASS 12 PVC

RATED: 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 BRITTLENESS----25C

ASTM D- 746 TEST METHOD

FINISHED O.D.: .177 NOMINAL DIAMETER

PACKAGING: REELS OR DRUMS

USAGE: (AS DEFINED BY UL) INTERNAL WIRING OF APPLIANCES OR INTERNAL WIRING OF
APPLIANCES WHERE EXPOSED TO OIL AT A TEMPERATURE NOT EXCEEDED 60C.

2500 VOLTS PEAK-FOR ELECTRONICS USE ONLY ALSO RATED UL1032 1000V 90C AND MTW 90C
600V AND MEETS UL1063