

STERLING

WIRE & CABLE

SPECIFICATION SHEET

1015-22-7-X

**22(7X30)TC UL1015/1230/1032/MTW CSA TEW FT1
ROHS & REACH COMPLAINT**

COPPER: **22(7X30) TIN COPPER**
3/4" LHL MAX

BASIC SPECIFICATION **ASTM B – 8, B - 286**

.29 NOMINAL DIAMETER (INCHES)

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 1015/1230 CLASS 12 PVC**
RATED AT **105 C 600 VOLTS AC 750 VOLTS DC & MTW 90C 600V**
.29 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 **ASTM- D- 746 TEST METHOD**
LOW TEMP BRITTLENESS---**25 C**

FINISHED O.D.: **.090** NOMINAL DIAMETER (+/- **.002**)

PACKAGING: REELS (100, 500, and 1000)

USAGE: **(AS DEFINED BY UL)** INTERNAL WIRING OF APPLIANCES WHERE EXPOSED TO OIL AT
TEMPERATURE NOT EXCEEDING **60 C. 2500 VOLTS PEAK--FOR ELECTRONIC USE ONLY. ALSO**
RATED UL1032 90C 1000V. MOISTURE RESISTANT 60C