

STERLING

WIRE & CABLE

SPECIFICATION SHEET

1015-12-65-X

12(65X30)TC UL 1015/1230/1032/MTW/THW/BOAT CABLE CSA TEW FT-1
REACH & ROHS COMPLIANT

COPPER: 12(65X30) TIN COPPER 2" LAY LENGTH MAX
BASIC SPECIFICATION: ASTM B -174 ASTMB-33
.093 NOMINAL DIAMETER (INCHES)
NOMINAL DIAMETER OF INDIVIDUAL STRANDS .010 (INCHES)
APPROXIMATE CIRCULAR MIL AREA 6530
MAXIMUM DC RESISTANCE **1.73 OHMS/1000'** AT **20 C**

INSULATION: CLASS 12 PVC
RATED 105 C 600 VOLTS AC 750 VOLTS DC ALSO 90C 1000VOLTS AC
.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 FT-1 & VW-1 FLAME RATED
LOW TEMP BRITTLENESS -25C ASTM D- 746 TEST METHOD

FINISHED O.D.: .153 NOMINAL DIAMETER (+/- .003)

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 EXCEEDING 60 C.
2500 VOLTS PEAK ----- FOR ELECTRONICS USE ONLY. MTW RATED AT 90C
600 VOLTS AND STYLE 1032 RATED 90C 1000V