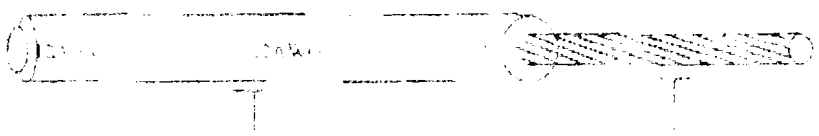
SPECIFICATION

Type : Flexible Silicone Rubber Electrical Wire

150 [illegible] 600/600 V 12 AWG ([illegible] mm²)

Construction : [illegible] 0mm Tinned copper bunched conductor extruded with Silicone [illegible]

Diagrame :



Conductor : STM B170 C1020

Construction of conductor : [illegible] 100 / 0.08 mm tinned copper

Diameter of stranding conductor : Approximate 2.8 mm

Cross-sectional area of stranding conductor : Nominal 3.5 mm²

Insulation :

Material of insulation : Compound Silicone Rubber

Average thickness of insulation : 0.85 mm

Minimum thickness of insulation at any point : [illegible] mm

Overall diameter :

Nominal overall diameter : ~~[illegible]~~ 4.2 mm , Tolerance : ± [illegible] mm

Surface marking :

12AWG 12AWG 12AWG 12AWG

The above surface printing marks are only for your reference

Physical & Electrical Properties

Unaged

Average elongation : Over 150 %

Average tensile strength : Over 0.45 kgf/mm²

After aged : In an air oven with temperature of 158°C (± 3°C) for [illegible] days

Average elongation : Over 25% of unaged test specimen

Average tensile strength : Over 80% of unaged test specimen

Resistance of conductor : Maximum 5.54 Ohms/km (at 20°C)

Resistance of Insulation : Minimum 1.10 Ohms km (at 20°C)

Dielectric test :

Sparking Test : 6,000 V AC

[illegible] V for 1 minute No Breakdown

Electrical Current : [illegible] Electrical current for [illegible] at [illegible]