SILICON CABLES

Application

Silicon cables are a versatile and reliable option for a variety of electrical applications, thanks to their many unique properties:

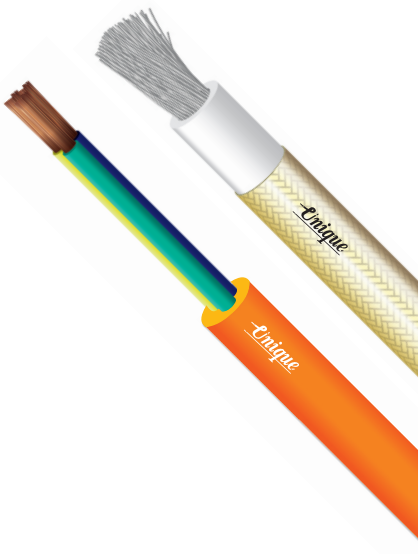
Temperature resistance:
Silicon cables can withstand extreme temperatures-(150°C to 180°C), both high and low. They are flexible even at temperatures as low as -40°C.

Chemical resistance :
Silicon cables are resistant to many substances, including alcohol, plant and animal fats, acids, softeners, alkalis, and salt solutions.

Flexibility :
Silicon cables are extremely flexible.

Electrical insulation :
Silicon cables are good electrical insulators.

Biocompatibility :
Silicon cables are biocompatible and are used in medical applications.



Silicone cables are used in a wide range of industries, including : Automotive, Aerospace, Military, Space, Industrial systems, Renewable energy installations, Clinical devices, Coke oven plants, Foundries, and Heating appliances.

Description

Conductor: Annealed Tinned Copper Conductor as per IS: 8130 Class-V
A. If single core :Silicon Rubber Insulated type (IE-5) As per IS: 6380 / 1984
B. If multicore :Silicon Rubber Insulated type (IE-5) As per IS: 6380 / 1984 & Silicon Rubber sheath type (SE-5) As per IS: 6380/1984
C. If extra temperature required :Fibre Glass Braided with silicon varnished

Grade : 1.1KV / 3.3 KV / 6.6 KV
Standards : IS : 9968 / Pt-1 & 2, IEC - 60228, IEC - 60505, IEC - 60332