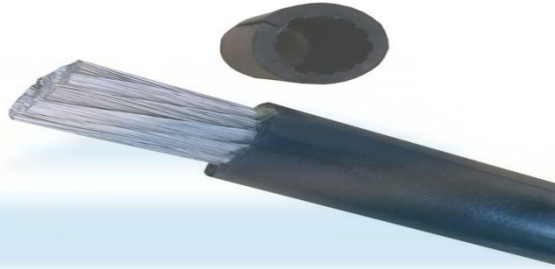
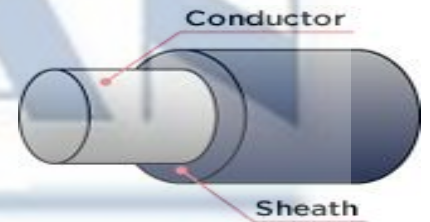


Aluminium Welding Cables



Aluminium Welding Cables; These Cables are made up by using high-strength aluminum as conductor and are insulated with Vulcanized Rubber material. The Conductors of these Cables are tinned wires or Aluminium Wire or 3/4 H condition circular in cross section, bunched & Stranded. These Cables are intended to be used in Welding and Arc Welding. By adopting high-strength aluminum as the conductor, the weight of the cable can be substantially reduced while retaining sufficiently high tensile strength to withstand rough handling of cables. Aluminum has higher electrical resistance than copper, and thus generates higher temperature, if the same electric current is conducted. Therefore, the jacket (sheath) of an aluminum conductor must have more resistance to high temperature.

Specification	
Description	Aluminum Welding Cables
Size	25-120 Sqmm
Temp. (°C)	Ambient Air Temp: 40°C
	Maximum Conductor Temp. : 60°C Gen. Purpose/ 85°C HOFR Cables
Standards	ISI Approved



Size/ Area of Conductor	No. of Wires	Dia. of Wire (in mm)	Thickness of Covering	Current Rating at 20% Duty Cycles	
				Amps.	HOFR
25 Sq. mm	361	0.03 mm	2.00 mm	179 Amps.	223 Amps.
35 Sq. mm	495	0.3 mm	2.00 mm	230 Amps.	278 Amps.
50 Sq. mm	707	0.3 mm	2.20 mm	288 Amps.	358 Amps.
70 Sq. mm	999	0.3 mm	2.40 mm	358 Amps.	436 Amps.
95 Sq. mm	1344	0.3 mm	2.60 mm	434 Amps.	531 Amps.
120 Sq. mm	1702	0.3 mm	2.80 mm	510 Amps.	619 Amps.

Features;

- Improved design, manufactured and tested.
- As per IS:9857 for long and trouble free service.