



RUBBER INSULATED WELDING CABLE

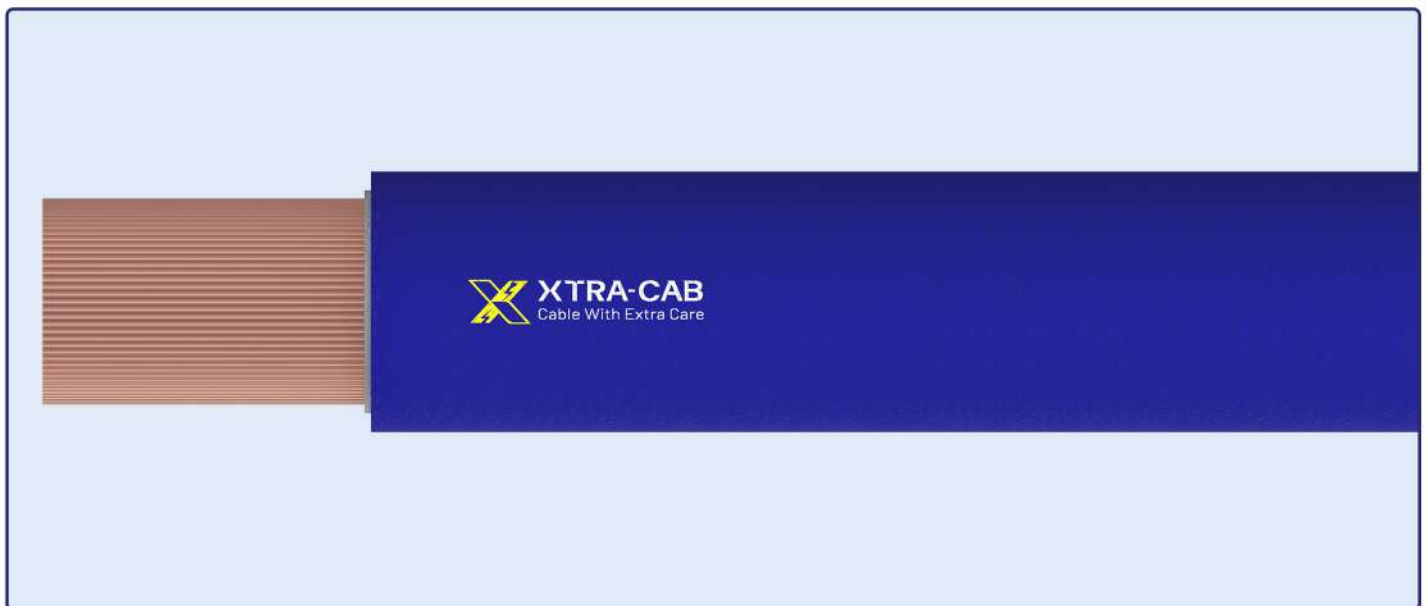
IS : 9857 : 1990

For every type of welding jobs, Welding Cable is essential part of Welding equipments. It carries current from Power source to the electrode Holder and via the arc of the workpiece and thus helps to make the process complete.

The Conductor are bunched and standard covered with tough Rubber sheath by keeping Polyester tape between conductor and insulation which works as a separator.

XTRA-CAB Welding Cable is Suitable for use where combination of ambient Temperature & temperature rise due to load results a conductor Temperature not exceeding 60C for general purpose HOFR compound cables.

(Heat resisting, Oil resisting & Flame Retardant)



| COPPER CONDUCTOR | | | | CURRENT RATING OF A MAXIMUM DUTY CYCLE OF | | | | |
|--------------------------------|---------------------|-------------------------------------|-------------------------------|---|-----|-----|----------------------|-----|
| Conductor in MM ² . | Num. / Dia of Wires | Radial Thickness of Covering in mm. | Overall Diameter in mm. (App) | GENERAL PURPOSE RUBBER | | | HOFR Compound Covers | |
| | | | | 85% | 60% | 20% | 85% | 30% |
| 16 | 510/0.2 | 2.00 | 10.0 | 87 | 103 | 179 | 127 | 223 |
| 25 | 796/0.2 | 2.00 | 11.5 | 112 | 133 | 230 | 176 | 318 |
| 35 | 1114/0.2 | 2.00 | 12.9 | 140 | 166 | 288 | 213 | 371 |
| 50 | 707/0.3 | 2.20 | 15.0 | 181 | 215 | 373 | 269 | 469 |
| 70 | 999/0.3 | 2.40 | 17.4 | 222 | 264 | 458 | 335 | 586 |
| 95 | 1344/0.3 | 2.60 | 19.8 | 272 | 224 | 561 | 406 | 709 |

• Working Voltage : 100 V. • Test Voltage : 1000 V. • Min. Bending Radius : 6 x Cable Diameter.



| ALUMINIUM CONDUCTOR | | | | CURRENT RATING OF A MAXIMUM DUTY CYCLE OF | | | | |
|--------------------------------|---------------------|-------------------------------------|-------------------------------|---|-----|-----|----------------------|-----|
| Conductor in MM ² . | Num. / Dia of Wires | Radial Thickness of Covering in mm. | Overall Diameter in mm. (App) | GENERAL PURPOSE RUBBER | | | HOFR Compound Covers | |
| | | | | 85% | 60% | 20% | 85% | 30% |
| 25 | 355/0.3 | 2.00 | 11.5 | 87 | 103 | 179 | 132 | 223 |
| 35 | 495/0.3 | 2.00 | 12.9 | 112 | 133 | 230 | 165 | 278 |
| 50 | 707/0.3 | 2.20 | 15.0 | 140 | 166 | 288 | 213 | 358 |
| 70 | 990/0.3 | 2.40 | 17.4 | 174 | 206 | 358 | 259 | 436 |
| 95 | 1344/0.3 | 2.60 | 19.8 | 210 | 250 | 434 | 316 | 531 |
| 120 | 1697/0.3 | 2.80 | 22.6 | 247 | 294 | 510 | 368 | 619 |

*Note : The Number & Diameter of conductor and Amps. stands for reference