

Panasonic



Welding Cables

Copper Conductor HOFR (Heat Oil Fire Retardant) & TRS (Tough Rubber Sheathed)

Panasonic Welding Copper conductor cables are best in class adhering to International Standard for Copper conductor as per IS:8130-84 & Elastomeric rubber insulation as per IS 6380-84 ,Type IE1 (TRS Cable) or Type IE3 (HOFR Cable)



Welding Cable drum



HOFR Cable 35 sq mm & 70 sq mm

Copper Conductor HOFR Welding Cable

Copper Conductor HOFR					Current carrying capacity (Amps) conforming to IS:9857/90			
Cross Section area (sq mm)	No. of 0.3 mm dia strands	Sheath thickness (mm)	Approx. overall diameter (mm)	Max. Resistance @20 deg C (ohm/km)	100%	85%	60%	30%
50	702	2.2	15.3	0.386	280	305	360	510
70	999	2.4	17.3	0.272	350	385	455	645
95	1332	2.6	20.5	0.206	425	460	550	775

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Copper Conductor TRS Welding Cable

Copper Conductor TRS					Current carrying capacity (Amps) conforming to IS:9857/90			
Cross Section area (sq mm)	No. of 0.3 mm dia strands	Sheath thickness (mm)	Approx. overall diameter (mm)	Max. Resistance @20 deg C (ohm/km)	100%	85%	60%	30%
35	497	2.0	13.7	0.554	155	170	200	285
50	702	2.2	15.3	0.386	200	215	255	360
70	999	2.4	17.3	0.272	250	270	320	455
95	1332	2.6	20.5	0.206	300	345	385	550

☐ Permissible Working Temp :

TRS : Max 80 deg C

HOFR : Max 100 deg C

☐ Application industry :

Automobile , Construction , Ship-building, Railways, Mining ,
Power , Oil & Gas and so on ..

☐ Safety Precautions

- Must be spread out before use to avoid overheating .
- Cable should be cut after minimum 10 feet of the holder .
- Cable should never be around the welder in a loop/coil form.
- Cables with damaged insulation must be changed quickly .

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For more information please write to psfsin.enquiry@in.panasonic.com

For service related queries ,write to welding.info@in.panasonic.com

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