

Cable from Tufvasson Tesch

Tufvasson Tesch offers cable for all type of applications from leading production partners. Feel free to contact us to gain information and guidance about the right cable for your requirements.



Radaflex® Welding Cable

Radaflex® Welding is a double insulated highly flexible cable with excellent characteristics for your welding and battery applications. The outer sheet is made out of oil and fire-resistant Radaflex® TPE and has good resistance against external impacts. The flexible characteristics of this cable make it easy and fast to handle and install, in comparison with similar products on the market.

Construction:

Conductor: Fine stranded copper, Class 6

Insulation: Radaflex® TPE

Outer insulation: Radaflex® TPE

Colour: Orange as standard, other colours upon request

Technical data:

Current: 200V

Operating temperature: -25°C to +90°C

Test current: 3.000V

Min. Bending radius: 8 x outer diameter

Fulfills the following standards:

Fire-resistant according to IEC 322-1 & VW-1

CE marked

RoHs compliant



05/15



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Technical data

Part No	E-No	Size (mm ²)	Nominal number of strands x mm	Max conductor resistance @ 20°C	Nominal insulation wall thickness (mm)	Nominal outer dia (mm)	Continuous current (A) @ 25°C Spaced	Loading cycle* current (A) @ 25°C	Three phase voltage drop @50Hz Laid in trefoil	Approx Weight kg / km
On request	-	10	312x0.2	1,84	2	9,3	72	105	4,1	155
0700816	050886X	16	490x0.2	1,16	2	10,5	97	135	2,5	215
0700820	050887X	25	742x0.2	0,758	2	12	131	180	1,54	310
0700824	050888X	35	1050x0.2	0,536	2	13	160	225	1,13	405
0700829	050889X	50	1482x0.2	0,379	2,2	15	188	285	0,866	550
0700832	050898X	70	2090x0.2	0,268	2,4	17,5	245	355	0,587	760
0705017	-	95	2812x0.2	0,198	2,6	20	285	430	0,46	1025
On request	-	120	3700x0.2	0,153	2,8	22	330	500	0,366	1310
On request	-	150	4588x0.2	0,123	3	25	382	580	0,304	1635
On request	-	185	5550x0.2	0,101	3,2	27	433	660	0,266	2050

*Duty cycle based on 5 minutes period

Temperature variation rating factors

Ambient temperature	20°C	25°C	30°C	35°C	40°C	45°C
Rating factor	1,04	1,0	0,96	0,91	0,87	0,82



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