

## Welding Cables

ESWECO welding cable is of the highest quality and has top-class performance characteristics. This cable is approved in accordance with international standards. The cable is extremely resistant to light, chemicals and mechanical damage and it maintains its flexibility even when used in a cool environment.



Nominal cross sectional area of conductor	Maximum diameter of wires in conductor	Nominal thickness of insulation	Approximate overall diameter	Approximate weight	Maximum conductor resistance at temperature 20°C	Load Carrying Capacity - 10 Minutes			Nominal cross sectional area Cooper conductor mm <sup>2</sup>	D.C Voltage Drop Per 100 A per 10m of Cable at:		
						60%	35%	20%		20 °C	60 °C	85 °C
mm <sup>2</sup>	mm	mm	mm	kg/km	Plain Ω/km					V		
16	0,21	2,0	8,9	197	1,21	133	144	167	16	1,24	1,430	1,560
25	0,21	2,0	10,1	281	0,780	182	203	244	25	0,795	0,920	0,998
35	0,21	2,0	11,4	379	0,554	233	268	324	35	0,565	0,654	0,709
50	0,21	2,2	13,2	530	0,386	303	356	439	50	0,393	0,455	0,493
70	0,21	2,4	15,3	735	0,272	307	400	578	70	0,277	0,321	0,348
95	0,21	2,6	17,5	955	0,206	478	582	734	95	0,2100	0,243	0,264
120	0,51	2,8	19,7	1213	0,161	564	692	880	120	0,164	0,190	0,206



## Applications

Designed for welding equipment and accessories, retain their high flexibility even under influence of ozone, light, oxygen, protective glass, oil & petrol; resistant to flame propagation, suitable for use in dry and damp conditions, outdoors and indoors

## Connectors

### Cable Connection

Fully insulated cable connections with neoprene rubber. Bayonet-type connection which locks firmly to provide safe and effective contact. The cable is fixed into a socket with two Allen screws.



### Machine Contacts

The contacts should be mounted on the front panel of the machine and come in three dimensions.

The angle connection is supplied as male and female.

