

H01N2-D GUMMIFLEX

Welding cables

Arc welding cables.



TECHNICAL DATA

Nominal tension	100/100 V
Conditions of employment	Use with hand held welding electrodes at 100 V.
Type of electrical conductor	Flexible red copper
Type of outer sheath	EM5 (EN 50363-2-2)
Color of the outer sheath	Black
Operating temperature	-20° C +85° C
Short circuit temperature	+200° C (max 5 sec.)
Test voltage	1000 V
Cable marking	GUMMIFLEX IEMMEQU <HAR> H01N2-D (sect) mm ² CE
Minimum radius of curvature	For cable up to 12 mm, 4 times the max outer diameter in mobile laying and 3 times in fixed laying. For cable over 12 mm, 5 times the max outer diameter for mobile laying and 4 times in fixed laying.

REFERENCES STANDARDS

Main rule	EN 50525-2-81
Conductor	EN 50525-2-81
Self-extinguishing	EN 60332-1-2; IEC 60332-1-2

DIMENSIONS

Nominal section	Wires max diameter	Conductor diameter	Insulation thickness	Insulation diameter $\pm$ 0,1	Minimum average external diameter	Medium outer diameter $\pm$ 0,3	Electrical resistance 20°C	Approximate weight	CU Factor
(Nxmm ²)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(Ω /km)	(kg/km)	(kg/km)
1x10,00	0,21	4,20	N/A	N/A	2,00	8,4	1,9100	155,32	96,0000
1x16,00	0,21	5,10	N/A	N/A	2,00	9,3	1,2100	199,56	153,6000
1x25,00	0,21	6,90	N/A	N/A	2,00	11,1	0,7800	287,19	240,0000
1x35,00	0,21	7,80	N/A	N/A	2,00	12,0	0,5500	389,32	336,0000
1x50,00	0,21	9,20	N/A	N/A	2,20	13,8	0,3800	536,52	480,0000
1x70,00	0,21	10,70	N/A	N/A	2,40	15,7	0,2700	745,58	672,0000
1x95,00	0,21	12,70	N/A	N/A	2,60	18,1	0,2000	929,23	912,0000

CORES IDENTIFICATION

Cores number	Insulation colour sequence
1	NA

Refer to the CEI EN 50565 standard series as a guide to the use of cables with nominal voltage not exceeding 450/750 V (U0/U) and to the CEI 20-92 standard as a guide for the handling and storage of wooden reels for cables electrical.

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