

H01N2-D GUMMIFLEX

Welding cables

material: RUBBER tipology: SINGLECORE



Applications: Welding Cables

Conditions of employment

Use with hand held welding electrodes at 100 V.

Type of electrical conductor: Flexible red copper

Main rule: EN 50525-2-81

Conductor: EN 50525-2-81

Self-extinguishing: EN 60332-1-2; IEC 60332-1-2

Description

Arc welding cables.

Technical Specifications

Review number	n. 5 - 22/4/2015
Nominal tension	100/100 V
Type of outer sheath	EM5
Color of the outer sheath	Black
Operating temperature	-20° C +85° C
Short circuit temperature	max 200° C (max 5 sec.) °C
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 external diameter in mobile laying and 3 times in fixed laying. For cable over 12 mm, 5 times the max external diameter for mobile laying and 4 times in fixed laying.
Insulation tolerance	± 0,1
Sheath tolerance	± 0,3



Sections

Nominal section	Max wire diameter	Conductor diameter	Insulation thickness	Average sheath thickness	Minimum external diameter	Maximum external diameter	Copper electric resistance 20°C	Indicative weight	CU Factor
(Nxmm ²)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(ohm/km)	(kg/km)	(kg/km)
1x10,00	0,21	4,20	NA	2,00	7,7	9,7	1,91	155	96
1x16,00	0,21	5,10	NA	2,00	8,8	11,0	1,21	199	153,6
1x25,00	0,21	6,90	NA	2,00	10,1	12,7	0,78	287	240
1x35,00	0,21	7,80	NA	2,00	11,4	14,2	0,55	389	336
1x50,00	0,21	9,20	NA	2,20	13,2	16,5	0,38	536	480
1x70,00	0,21	10,70	NA	2,40	15,3	19,2	0,27	745	672
1x95,00	0,21	12,70	NA	2,60	17,1	21,4	0,20	929	912

Note:

The manufacturer reserves the right to modify all or part of the data shown in this catalog

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

