

Unico azionista Lebogest S.p.A

Cap. Soc. Euro 5.900.000 i.v. - CCIAA REA BG n. 280471 - Reg. Imp. BG 48525 - COD. ISO IT / P.I. / Cod. F. 02325450167
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Technical Data Sheet N.° 2010-060

HI - FLEX CABLES

DESCRIPTION		SPECIFICATIONS						
ICC code		CE00000D	CE01000D	CE55000D	CE02000D	CE03000D	CE53000D	CE04000D
Size mm ²		10	16	20	25	35	40	50
Outer cable diameter mm		7.3±0.2	8.7±0.2	9.2±0.2	10.5±0.2	12.0±0.3	12.6±0.3	13.8±0.3
Average insulation thickness mm		1.4	1.4	1.4	1.5	1.7	1.8	1.7
Min. insulation thickness mm		1.16	1.16	1.16	1.25	1.53	1.52	1.53
Nominal Conductor construction		288 X 0.2	204 X 0.3	264 X 0.3	324 X 0.3	444 X 0.3	564 X 0.3	636 X 0.3
Current rating in air 30°C (Amp)	Pipe	50	65	74	85	106	119	129
	Open duct	57	73	82	97	121	136	145
Max. cond. resistance a 20°C ohm/km		1.91	1.31	1.03	0.850	0.595	0.470	0.419
Indicative weight kg/km		130	200	250	300	410	460	565
Marks	HI-FLEX "size" MM2 CE MADE IN EC							
Conductor	Flexible bare copper stranded rope							
Insulation	Soft PVC							
Mechanical properties	Tensile strength: min 12,5 N/mm ² / Elongation at break: min. 250%							
Insulation Hardness	70± 5 Shore "A"							
Temperature rating:	+5°C ÷ +70°C (mobile use) ÷ -30°C ÷ +70°C (stationary use)							
Nominal Voltage Uo/U	450/750 V							

Further details. drawings or other specs.

According with the requirements of EEC directive 2000/53: **Chromium^{VI}, Cadmium, Lead and Mercury free.**

- Flame ratardant: according to IEC60332-1 ÷ CEI EN 50265
- Minimum bending radius: six times the outer diameter.

Issue by: Renato Ongaro Tech. Dpt.

Date:
10/Mar/2010
Rev.: 0

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HI - FLEX CABLES

DESCRIPTION		SPECIFICATIONS				
ICC code		CE54000D	CE05000D	CE06000D	CE07000D	CE009000D
Size mm ²		60	70	95	120	150
Outer cable diameter mm		14.8±0.3	15.9±0.4	18.2±0.4	20.1±0.5	21.2±0.5
Average insulation thickness mm		1.9	1.9	2.0	2.0	2.8
Min. insulation thickness mm		1.61	1.61	1.70	1.70	2,42
Nominal Conductor construction		780 X 0.3	900 X 0.3	1224 X 0.3	1548 X 0.3	708 X 0.5
Current rating in air 30°C (Amp)	Pipe	143	164	201	229	275
	Open duct	161	184	225	258	309
Max. cond. resistance a 20°C ohm/km		0.340	0.297	0.219	0.175	0.129
Indicative weight kg/km		650	780	1050	1300	1600
Marks		HI-FLEX "size" MM2 CE MADE IN EC				
Conductor		Flexible bare copper stranded rope			Flexible bare copper SINGLE BUNCH	
Insulation		Soft PVC				
Mechanical properties		Tensile strength: min 12,5 N/mm2 / Elongation at break: min. 250%				
Insulation Hardness		70± 5 Shore "A"				
Temperature rating:		+5°C ÷ +70°C (mobile use) ÷ -30°C ÷ +70°C (stationary use)				
Nominal Voltage Uo/U		450/750 V				

Further details. drawings or other specs.

According with the requirements of EEC directive 2000/53: **Chromium^{VI}, Cadmium, Lead and Mercury free.**

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