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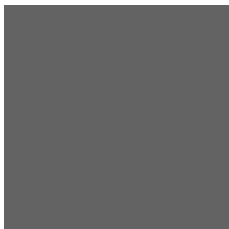
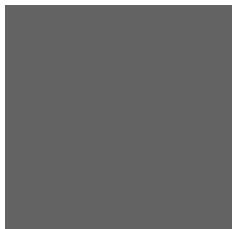
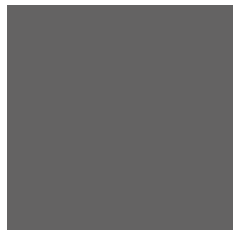
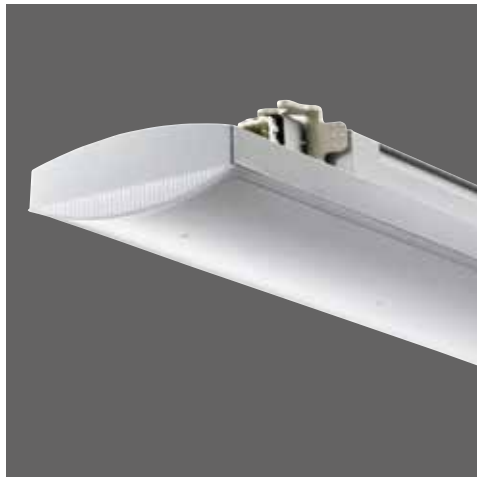




















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Ø CONDUITS (mm)	FK 15 RANGE PLIABLE CONDUIT					
	White		Black		Green	
		 with probe		 with probe		 with probe
16	DX 16 216	DX 16 316	DX 15 016	DX 15 116	DX 15 216	DX 15 316
20	DX 16 220	DX 16 320	DX 15 020	DX 15 120	DX 15 220	DX 15 320
25	DX 16 225	DX 16 325	DX 15 025	DX 15 125	DX 15 225	DX 15 325
32	DX 16 232	DX 16 332	DX 15 032	DX 15 132	DX 15 232	DX 15 332
40	DX 16 240	DX 16 340	DX 15 040	DX 15 140	DX 15 240	
50	DX 16 250	DX 16 350	DX 15 050	DX 15 150	DX 15 250	
63	DX 16 263	DX 16 363	DX 15 063	DX 15 163		

Ø CONDUITS (mm)	COEXTRUDED PLIABLE CONDUIT - FKCO RANGE		
	White	Black	Green
			
20	DX 16 220 C	DX 15 020 C	DX 15 220 C
25	DX 16 225 C	DX 15 025 C	DX 15 225 C
32	DX 16 232 C	DX 15 032 C	DX 15 232 C
40	DX 16 240 C	DX 15 040 C	DX 15 240 C

Ø CONDUITS (mm)	HALOGEN-FREE SELF-RECOVERING PLIABLE CONDUITS - ICTA RANGE					
	Grey		Dark grey		Green	
		 with probe		 with probe		 with probe
16	DX 20 016	DX 20 116	DX 20 416	DX 20 516	DX 22 016	DX 22 116
20	DX 20 020	DX 20 120	DX 20 420	DX 20 520	DX 22 020	DX 22 120
25	DX 20 025	DX 20 125	DX 20 425	DX 20 525	DX 22 025	DX 22 125
32	DX 20 032	DX 20 132	DX 20 432	DX 20 532	DX 22 032	DX 22 132
40	DX 20 040	DX 20 140	DX 20 440	DX 20 540	DX 22 040	DX 22 140
50	DX 20 050	DX 20 150	DX 20 450	DX 20 550	DX 22 050	DX 22 150
63	DX 20 063	DX 20 163	DX 20 463	DX 20 563	DX 22 063	DX 22 163

CABLE PULLER PROBES				
				
	Probe Ø 3 mm	Probe Ø 4 mm		
Length (m)			Flexible head	Tail ring
5	DX 52 205	DX 52 305	DX 52 299	DX 52 399
10	DX 52 210	DX 52 310	DX 52 299	DX 52 399
15	DX 52 215	DX 52 315	DX 52 299	DX 52 399
20	DX 52 220	DX 52 320	DX 52 299	DX 52 399
25	DX 52 225	DX 52 325	DX 52 299	DX 52 399

COMPONENTS		
		
Coupling	Cap	Conduit-box coupling device
DX 52 016	DX 52 116	GW 50 415
DX 52 020	DX 52 120	GW 50 416
DX 52 025	DX 52 125	GW 50 417
DX 52 032	DX 52 132	GW 50 418
DX 52 040	DX 52 140	GW 50 419
DX 52 050	DX 52 150	GW 50 420
DX 52 063	DX 52 163	

In bold: halogen-free material versions

FK

Pliable protective conduit systems

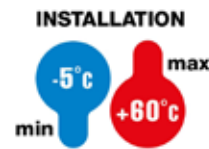
System of protective corrugated pipes for concealed installation, available in two materials: PVC and polypropylene and in different colours for easy identification of the lines according to normative recommendations. The pallets are protected with white stretch film to prevent exposure of the coils to UV rays and ensure at the same time a greater resistance to weathering and improved preservation during external storage.



Technical characteristics page 1312

ARCOBALENO SELF-EXTINGUISHING PLIABLE CONDUITS

CLASSIFICATION
33212
EN 50086
EN 61386



GWT
960°C

FK15 MEDIUM PLIABLE CONDUIT



DX 16 216

MEDIUM NATURAL WHITE PLIABLE CONDUIT - PVC

Code	Conduits Ø (mm)	Pack Carton
Type: without cable puller		
DX 16 216	16	100/5600
DX 16 220	20	100/4800
DX 16 225	25	50/2400
DX 16 232	32	25/1300
DX 16 240	40	25/500
DX 16 250	50	25/400
DX 16 263	63	20/240
Type: with cable puller		
DX 16 316	16	100/5600
DX 16 320	20	100/4800
DX 16 325	25	50/2400
DX 16 332	32	25/1300
DX 16 340	40	25/500
DX 16 350	50	25/400
DX 16 363	63	20/240

USE: natural white is recommended for the identification of the co-axial computer cables.

The cable puller-feeder allows the wires to be pulled easily.

Conformity to standards refers to the protective conduit and not to the cable puller-feeder. Do not expose the conduits to direct solar irradiation for long periods.



DX 15 616

MEDIUM BROWN PLIABLE CONDUIT - PVC

Code	Conduits Ø (mm)	Pack Carton
Type: without cable puller		
DX 15 616	16	100/2400
DX 15 620	20	100/2000
DX 15 625	25	50/1000
DX 15 632	32	25/600
DX 15 640	40	25/500
DX 15 650	50	25/400
Type: with cable puller		
DX 15 716	16	100/2400
DX 15 720	20	100/2000
DX 15 725	25	50/1000
DX 15 732	32	25/600

USE: brown is recommended for the identification of the emergency light and alarm lines.

The cable puller-feeder allows the wires to be pulled easily.

Conformity to standards refers to the protective conduit and not to the cable puller-feeder. Do not expose the conduits to direct solar irradiation for long periods.



DX 15 916

MEDIUM LILAC PLIABLE CONDUIT - PVC

Code	Conduits Ø (mm)	Pack Carton
Type: without cable puller		
DX 15 816	16	100/2400
DX 15 820	20	100/2000
DX 15 825	25	50/1000
DX 15 832	32	25/600
DX 15 840	40	25/500
DX 15 850	50	25/400
Type: with cable puller		
DX 15 916	16	100/2400
DX 15 920	20	100/2000
DX 15 925	25	50/1000
DX 15 932	32	25/600

USE: lilac is recommended for the identification of the cable radio and hi-fi lines.

The cable puller-feeder allows the wires to be pulled easily.

Conformity to standards refers to the protective conduit and not to the cable puller-feeder. Do not expose the conduits to direct solar irradiation for long periods.



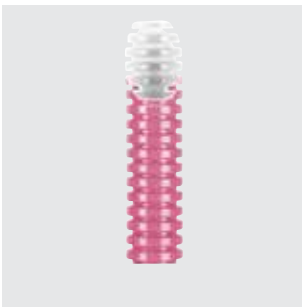
DX 15 620 C

MEDIUM BROWN PLIABLE CONDUIT, COEXTRUDED - PVC

Code	Conduits Ø (mm)	Pack Carton
Type: without cable puller		
DX 15 620 C	20	100/2000
DX 15 625 C	25	50/1000
DX 15 632 C	32	25/600
DX 15 640 C	40	25/500

NOTE: conduits with diameter 20; 25 and 32 mm with internal lubrication.

APPLICATIONS: ideal for use in self-levelling liquid cement. Brown is recommended for the identification of the emergency light and alarm lines. Do not expose the conduits to direct solar irradiation for long periods.



DX 15 820 C

MEDIUM LILAC PLIABLE CONDUIT, COEXTRUDED - PVC

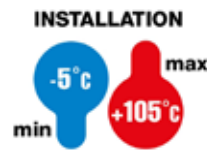
Code	Conduits Ø (mm)	Pack Carton
Type: without cable puller		
DX 15 820 C	20	100/2000
DX 15 825 C	25	50/1000
DX 15 832 C	32	25/600
DX 15 840 C	40	25/500

NOTE: conduits with diameter 20; 25 and 32 mm with internal lubrication.

APPLICATIONS: ideal for use in self-levelling liquid cement. Lilac blue is recommended for the identification of the cable radio and hi-fi lines. Do not expose the conduits to direct solar irradiation for long periods.

PLIABLE CONDUIT SELF-EXTINGUISHING FKMF - SUPERSPEED

CLASSIFICATION
33232
EN 50086
EN 61386



MEDIUM PLIABLE CONDUIT FKMF - SUPERSPEED



DX 24 220 N

MEDIUM PLIABLE CONDUIT, GREY

Code	Conduits Ø (mm)	Pack Carton
Type: without cable puller		
DX 24 216 N	16	100/4800
DX 24 220 N	20	100/4000
DX 24 225 N	25	50/2000
DX 24 232 N	32	25/1100
DX 24 240 N	40	25/500
DX 24 250 N	50	25/400
DX 24 263 N	63	20/240

NOTE: SUPERSPEED versions, with specific internal layer for high speed cables sliding, related to 20,25,32 mm diameters.



DX 22 016

MEDIUM PLIABLE CONDUIT, GREEN , SELF-EXTINGUISHING AND SELF- RECOVERING - PP



Code	Conduits Ø (mm)	Pack Carton
Type: without cable puller		
DX 22 016	16	100/4800
DX 22 020	20	100/4000
DX 22 025	25	50/2000
DX 22 032	32	25/1100
DX 22 040	40	25/500
DX 22 050	50	25/400
DX 22 063	63	20/240
Type: with cable puller		
DX 22 116	16	100/4800
DX 22 120	20	100/4000
DX 22 125	25	50/2000
DX 22 132	32	25/1100
DX 22 140	40	25/500
DX 22 150	50	25/400
DX 22 163	63	20/240

USE: the cable puller-feeder allows the wires to be pulled easily. Conformity to standards refers to the protective conduit and not to the cable puller-feeder. Do not expose the conduits to direct solar irradiation for long periods.



DX 23 116

MEDIUM PLIABLE CONDUIT, LIGHT BLUE , SELF-EXTINGUISHING AND SELF- RECOVERING - PP

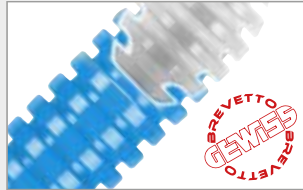


Code	Conduits Ø (mm)	Pack Carton
Type: without cable puller		
DX 23 016	16	100/4800
DX 23 020	20	100/4000
DX 23 025	25	50/2000
DX 23 032	32	25/1100
DX 23 040	40	25/500
DX 23 050	50	25/400
DX 23 063	63	20/240
Type: with cable puller		
DX 23 116	16	100/4800
DX 23 120	20	100/4000
DX 23 125	25	50/2000
DX 23 132	32	25/1100
DX 23 140	40	25/500
DX 23 150	50	25/400
DX 23 163	63	20/240

USE: the cable puller-feeder allows the wires to be pulled easily. Conformity to standards refers to the protective conduit and not to the cable puller-feeder. Do not expose the conduits to direct solar irradiation for long periods.



FKCO MEDIUM CO-EXTRUDED CONDUIT



The new conduits, thanks to the particular double wall, provide total protection against the penetration of the cement's liquid components. The outer covering provides extra strength in site against footfall, crushing and impact.

FK15 ARCOBALENO MEDIUM CONDUIT



Available in versions with and without cable-puller probe and in six different colours for all ordinary building systems. Profile characterized by ringing which gives the conduit greater flexibility, higher resistance to loads and reduced thermal memory.

ICTA SELF-RECOVERING MEDIUM CONDUITS



With 34223 classification they are characterized for the high impact resistance and the wide implementation temperature range. Made of Halogen-free material (according to EN50267-2-2), ideal for public places (e.g. theatres, schools, etc.). Versions with cable-puller also.

ARCOBALENO SELF-EXTINGUISHING PLIABLE CONDUITS

Medium pliable conduit FK 15

GENERAL CHARACTERISTIC	
Name: FK15	Standard: IEC EN 61386-1; IEC EN 61386-22
Colour: medium natural white, black, green, light blue, brown, lilac	Application field: electrical systems and/or data transmission for all types of environment
Material: PVC	Installation type: mainly flush-mounted in floors, walls and/or ceilings.
Length supplied: depends on the diameter	Suitable for applications inside false ceilings and floating floors

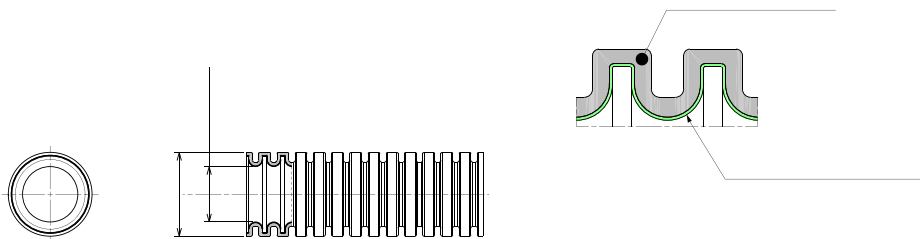
Characteristic according to IEC/EN 61386-22	Test results	Classification code
Resistance to compression:	Medium - 750 N	3
Resistance to impact:	Medium - 2 J	3
Lower temperature range:	-5 °C	2
Upper temperature range:	+60 °C	1
Resistance to bending:	Pliable	2
Electrical characteristics:	With electrical insulating characteristics	2
Protection against ingress of solid objects		
	Without accessories:	-
	With GF coupling:	4
Protection against ingress of water		0
Resistance against corrosion:	Not applicable to plastic conduit systems	-
Resistance to flame propagation:	Non-flame propagating	1
Insulation resistance: > 100 MΩ at 500 V for 1 minute		
Dielectric rigidity: 2000 V for 15 minutes		

SELF-RECOVERING, SELF-EXTINGUISHING, HALOGEN-FREE PLIABLE CONDUIT**Self recovering; self extinguishing, LOW SMOKE ZERO HALOGEN ICTA pipes**





GENERAL CHARACTERISTIC	
Name: ICTA	Application field: electrical systems and/or data transmission for all types of environment. Particularly suitable for installations in public places: schools, cinemas, theatres, underground systems, etc.
Colour: grey RAL 7035 - dark grey - green - light blue	
Material: polypropylene self-extinguishing halogen-free, in compliance with CEI EN 60754-2 (CEI EN 50267-2-2) and EN 61034-2	Installation type: mainly flush-mounted in floors, walls and ceilings buried in concrete. Suitable for applications inside false ceilings and floating floors
Length supplied: depends on the diameter	
Standard: IEC EN 61386-1; IEC EN 61386-22	






Characteristic according to IEC/EN 61386-22	Test results	Classification code
Resistance to compression:	Medium - 750 N	3
Resistance to impact:	Heavy - 6 J	4
Lower temperature range:	-5 °C	2
Upper temperature range:	+90 °C	2
Resistance to bending:	Pliable / self recovering	3
Electrical characteristics:	With electrical insulating characteristics	2
Protection against ingress of solid objects		
	Without accessories:	-
	With GF coupling:	4
Protection against ingress of water		0
Resistance against corrosion:	Not applicable to plastic conduit systems	-
Resistance to flame propagation:	Non-flame propagating	1
Insulation resistance: > 100 MΩ at 500 V for 1 minute		
Dielectric rigidity: 2000 V for 15 minutes		

Medium pliable conduit FK MF



Code	Ø conduit (mm)	D	d.min	inner coating	inner coating (colour)
DX 24 216 N	16	16 0 - 0.3	10.15		
DX 24 220 N	20	20 0 - 0.3	13.20	(*)	GREEN
DX 24 225 N	25	25 0 - 0.4	17.50	(*)	
DX 24 232 N	32	32 0 - 0.4	22.90	(*)	
DX 24 240 N	40	40 0 - 0.4	29.90		
DX 24 250 N	50	50 0 - 0.5	39.20		
DX 24 263 N	63	63 0 - 0.6	51.10		

SHEATH Ø (mm)	SPIRALLED SHEATHS			
	DIFLEX range			LIGHT range
	Grey	Black	Blue	Grey
8	 DX 30 008	 DX 30 108	 DX 30 212	 DX 30 812
10	DX 30 010	DX 30 110		
12	DX 30 012	DX 30 112	DX 30 212	DX 30 812
14	DX 30 014	DX 30 114		
16	DX 30 016	DX 30 116	DX 30 216	DX 30 816
20	DX 30 020	DX 30 120	DX 30 220	DX 30 820
22	DX 30 022	DX 30 122	DX 30 222	
25	DX 30 025	DX 30 125	DX 30 225	DX 30 825
28	DX 30 028	DX 30 128		
32	DX 30 032	DX 30 132	DX 30 232	
35	DX 30 035	DX 30 135		
40	DX 30 040	DX 30 140	DX 30 240	
50	DX 30 050	DX 30 150		
60	DX 30 060	DX 30 160		

SHEATH Ø (mm)	FIXED STRAIGHT PIPE FITTINGS - RUN IP54 RANGE						PIPE FITTINGS IP65			
	Grey		Grey		Grey		Conduit-sheath pipe fitting		Conduit-sheath pipe fitting (equal diameter)	
	Metric pitch		GAS pitch		PG pitch		Ø Conduit		Ø Conduit	
8	M12x1	DX 56 008	1/4"	DX 56 208	7	DX 56 408				
10	M16x1,5	DX 56 010	1/4"	DX 56 210	7	DX 56 410				
12	M16x1,5	DX 56 012	3/8"	DX 56 212	9	DX 56 411	16	DX 43 316		
					11	DX 56 412				
					13,5	DX 56 413				
14	M16x1,5	DX 56 014	1/2"	DX 56 214	13,5	DX 56 414				
16	M20x1,5	DX 56 016	1/2"	DX 56 216	11	DX 56 415	20	DX 43 320	16	DX 43 416
					13,5	DX 56 416				
					16	DX 56 417				
20	M25x1,5	DX 56 022	3/4"	DX 56 222	16	DX 56 422	25	DX 43 325	20	DX 43 420
					21	DX 56 423				
					16	DX 56 422				
22	M25x1,5	DX 56 022	3/4"	DX 56 222	21	DX 56 423				
					21	DX 56 423				
25	M25x1,5	DX 56 025	3/4"	DX 56 225	21	DX 56 425	32	DX 43 332	25	DX 43 425
28	M32x1,5	DX 56 028	1"	DX 56 228	29	DX 56 428			32	DX 43 432
32			1 1/4"	DX 56 232	36	DX 56 432	40	DX 43 340		
35			1 1/4"	DX 56 235	36	DX 56 435				
40	M40x1,5	DX 56 040	1 1/4"	DX 56 240	42	DX 56 440	50	DX 43 350	40	DX 43 440
50	M50x1,5	DX 56 050	2"	DX 56 250	48	DX 56 450				