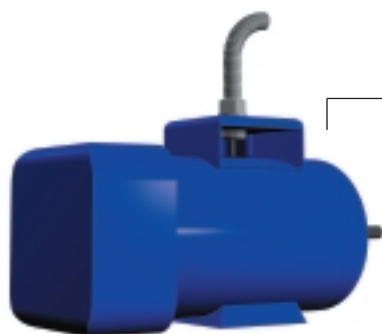




Complementary system items

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• DIFLEX Range spiralled sheath with cable-puller feeler	page 30
• DIFLEX Range spiralled sheath	page 31
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• LIGHT Range spiralled sheath	page 43

Characteristics and advantages



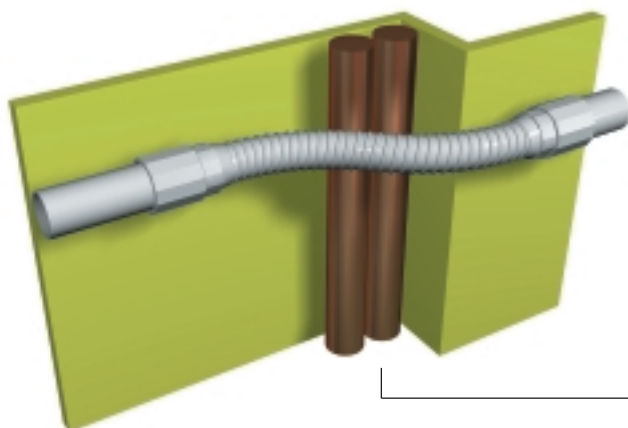
Highly flexible use

The systems of sheaths and accessories make it possible to solve any protection problem for conductors in industrial environments, thanks to their high level of flexibility and chemical resistance to oils.



A complete system

The diversified supply of spiralled sheaths suited for all uses in the services and industrial sectors is enhanced by the broader range of accessories dedicated to them, available in a single catalogue.



Perfect integration of installations

This range can be integrated with the systems of NOWAPLAST trunkings and MAVIL cable trays. In addition, by using specific routing components, it is possible to solve the problems of laying surface installations connected with the different structural requirements of buildings.

APPLICATION SOLUTIONS



Spiralled sheaths

They are widely used in all industrial and services applications requiring high characteristics of flexibility and resistance.



SD range straight couplings

Ideal to couple spiralled sheaths with boxes or enclosures for equipment (e.g. control panels). Uniquely compact, they enable the sheaths to rotate freely around their axis.



Cable gland couplings and sleeves

The vast choice of routing components makes it possible to use the flexible sheaths in all environmental and installation conditions permitted by the standards.

FLEXIBLE PROTECTIVE CONDUIT SYSTEMS

Selection guide

DIFLEX - TERMIC - LIGHT Range						RD Range rotating pipe-fittings							
SHEATH Ø	DF/FG GREY 	DFG GREY 	DFN BLACK 	TRA BLUE 	LIGHT 	GREY 	BLACK 	RDG THREAD GAS 	GREY 	BLACK 	RDPG THREAD PG 	GREY 	BLACK 
8		DX 30 008	DX 30 108	DX 30 208		DX 54 008	DX 54 108	1/4"	DX 54 208	DX 54 308	7	DX 54 408	DX 54 508
10		DX 30 010	DX 30 110	DX 30 210		DX 54 010	DX 54 110	1/4"	DX 54 210	DX 54 310	7	DX 54 410	DX 54 510
											9	DX 54 411	DX 54 511
12	DX 30 312	DX 30 012	DX 30 112	DX 30 212	DX 30 812	DX 54 012	DX 54 112	3/8"	DX 54 212	DX 54 312	11	DX 54 412	DX 54 512
											13.5	DX 54 413	DX 54 513
14		DX 30 014	DX 30 114	DX 30 214				1/2"	DX 54 214	DX 54 350	13.5	DX 54 414	DX 54 514
16	DX 30 316	DX 30 016	DX 30 116	DX 30 216	DX 30 816	DX 54 016	DX 54 116	1/2"	DX 54 216	DX 54 316	13.5	DX 54 416	DX 54 516
											16	DX 54 417	DX 54 517
20	DX 30 320	DX 30 020	DX 30 120	DX 30 220	DX 30 820	DX 54 020	DX 54 120	3/4"	DX 54 220	DX 54 320	21	DX 54 420	DX 54 520
22		DX 30 022	DX 30 122	DX 30 222		DX 54 022	DX 54 122	3/4"	DX 54 222	DX 54 322	21	DX 54 422	DX 54 522
25	DX 30 325	DX 30 025	DX 30 125	DX 30 225	DX 30 825	DX 54 025	DX 54 125	1"	DX 54 225	DX 54 325	29	DX 54 425	DX 54 525
28		DX 30 028	DX 30 128	DX 30 228		DX 54 028	DX 54 128	1"	DX 54 228	DX 54 328	29	DX 54 428	DX 54 528
32	DX 30 332	DX 30 032	DX 30 132	DX 30 232		DX 54 032	DX 54 132	1 1/4"	DX 54 232	DX 54 332	36	DX 54 432	DX 54 532
35		DX 30 035	DX 30 135	DX 30 235				1 1/4"	DX 54 235	DX 54 335	36	DX 54 435	DX 54 535
40		DX 30 040	DX 30 140	DX 30 240		DX 54 040	DX 54 140	1 1/2"	DX 54 240	DX 54 340			
50		DX 30 050	DX 30 150	DX 30 250				2	DX 54 250	DX 54 350			
60		DX 30 060	DX 30 160	DX 30 260		DX 54 050	DX 54 150						

RC Range curved rotating pipe-fittings						
SHEATH Ø	RCG PITCH GAS 	GREY 	BLACK 	RCPG PITCH PG 	GREY 	BLACK 
10	1/4"	DX 55 010	DX 55 110	9	DX 55 210	DX 55 310
12	3/8"	DX 55 012	DX 55 112	11	DX 55 212	DX 55 312
				13.5	DX 55 213	DX 55 313
16	1/2"	DX 55 016	DX 55 116	13.5	DX 55 216	DX 55 316
				16	DX 55 217	DX 55 317
20	3/4"	DX 55 020	DX 55 120	21	DX 55 220	DX 55 320
25	1"	DX 55 025	DX 55 125	29	DX 55 225	DX 55 325
32	1 1/4"	DX 55 032	DX 55 132	36	DX 55 232	DX 55 332

RUN Range universal fixed pipe-fittings

SHEATH Ø	RUN-M THREAD ISO	GREY 	BLACK 	RUN-GAS THREAD GAS	GREY 	BLACK 	RUN-PG THREAD PG	GREY 	BLACK 
8	M12x1	DX 56 008	DX 56 108	1/4"	DX 56 208	DX 56 308	7	DX 56 408	DX 56 508
10	M16x1.5	DX 56 010	DX 56 110	1/4"	DX 56 210	DX 56 310	7	DX 56 410	DX 56 510
10	M16x1.5	DX 56 012	DX 56 112	3/8"	DX 56 212	DX 56 312	9	DX 56 411	DX 56 511
							11	DX 56 412	DX 56 512
							13.5	DX 56 413	DX 56 513
14	M16x1.5	DX 56 014	DX 56 114	1/2"	DX 56 214	DX 56 314	13.5	DX 56 414	DX 56 514
16	M20x1.5	DX 56 016	DX 56 116	1/2"	DX 56 216	DX 56 316	11	DX 56 415	DX 56 515
							13.5	DX 56 416	DX 56 516
							16	DX 56 417	DX 56 517
20-22	M25x1.5	DX 56 022	DX 56 122	3/4"	DX 56 222	DX 56 322	16	DX 56 422	DX 56 522
							21	DX 56 423	DX 56 523
25	M25x1.5	DX 56 025	DX 56 125	3/4"	DX 56 225	DX 56 325	21	DX 56 425	DX 56 525
28	M32x1.5	DX 56 028	DX 56 128	1"	DX 56 228	DX 56 328	29	DX 56 428	DX 56 528
32				1 1/4"	DX 56 232	DX 56 332	36	DX 56 432	DX 56 532
35				1 1/4"	DX 56 235	DX 56 335	36	DX 56 435	DX 56 535
40	M40x1.5	DX 56 040	DX 56 140	1 1/2"	DX 56 240	DX 56 340	42	DX 56 440	DX 56 540
50	M50x1.5	DX 56 050	DX 56 150	2"	DX 56 250	DX 56 350	48	DX 56 450	DX 56 550

Pipe-fittings

Pipe-fittings									
conduit-sheath					sheath-sheath		sheath-cable		
CONDUIT Ø	RMG		New RMG		MDG-G		RGC		
	SHEATH Ø		SHEATH Ø		SHEATH Ø		CABLES Ø	SHEATH Ø 16 	SHEATH Ø 20 
16	12	DX 43 316	16	DX 43 416	10	DX 55 810	3-6	DX 55 613	DX 55 623
20	16	DX 43 320	20	DX 43 420	12	DX 55 812	6-9	DX 55 616	DX 55 626
25	20	DX 43 325	25	DX 43 425	14	DX 55 814	9-12	DX 55 619	DX 55 62
32	25	DX 43 332	28	DX 43 432	16	DX 55 816			
40	32	DX 43 340	40	DX 43 440	20	DX 55 820			
50	40	DX 43 350			25	DX 55 825			

FLEXIBLE PROTECTIVE CONDUIT SYSTEMS

DIFLEX Range isolating spiralled sheath

TECHNICAL CHARACTERISTICS - **DIFLEX** ISOLATING SELF-EXTINGUISHING SPIRALLED SHEATH WITH IMQ-UR MARKING

- **STANDARDS:** CEI EN 50086-1 and CEI EN 50086-2-3 (CEI 23-56)
- **CLASSIFICATION:** 2311
- **TEMPERATURE RESISTANCE:** +5°C - +60 °C
- **MARKING:** DIFLEX IMQ less than 3 m intervals (grey DFG)
Label on carton (black DNF)
- **COLOUR:** Grey RAL 7035 Black RAL 9005
- **MATERIAL:** Self-extinguishing polyvinyl chloride (PVC) - based
Rigid for the spiral - plastic coated covering
- **LENGTH SUPPLIED:** 30 m coils
- **APPLICATION:** For normal uses in industrial applications on operator machines thanks to high chemical resistance to mineral oils.
Ideal for conductors protection in the automation sector.
- **INSTALLATION TYPE:** View and built-in.
- **TRADE NAME:** DIFLEX



DF/FG

DIFLEX Range spiralled sheath with patented cable puller

Code	Sheaths Ø	Pack/Carton metres
DX 30 312	12	30/1800
DX 30 316	16	30/1080
DX 30 320	20	30/ 720
DX 30 325	25	30/ 480



The wires can be quickly and easily pulled into the conduits thanks to the pre-threaded cord (patented system), with high time saving.



Selection guide: page 28

Technical sheets: page 228

CARTON

pack: coils individually wrapped in thermo-shrink film
carton: wooden pallets (to be returned to manufacturer) wrapped in stretch film
The pack refers to the minimum quantity for deliveries from the factory.

DIFLEX Range spiralled sheath

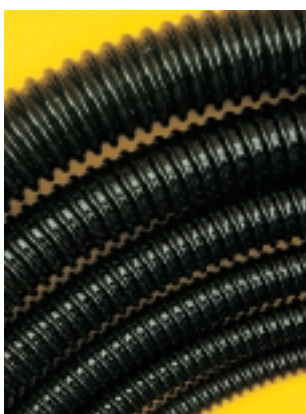


DFG

DIFLEX grey spiralled sheath

Code	Sheath Ø	Pack/Carton metres
DX 30 008	8 •	30/1800
DX 30 010	10	30/1800
DX 30 012	12	30/1800
DX 30 014	14 •	30/1080
DX 30 016	16	30/1080
DX 30 020	20	30/ 720
DX 30 022	22 •	30/ 720
DX 30 025	25	30/ 480
DX 30 028	28 •	30/ 480
DX 30 032	32	30/ 480
DX 30 035	35 •	30/ 240
DX 30 040	40	30/ 240
DX 30 050	50	30/ 180
DX 30 060	60	30/ 120

• on request



DFN

DIFLEX black spiralled sheath

Code	Sheath Ø	Pack/Carton metres
DX 30 108	8 •	30/1800
DX 30 110	10	30/1800
DX 30 112	12	30/1800
DX 30 114	14 •	30/1080
DX 30 116	16	30/1080
DX 30 120	20	30/ 720
DX 30 122	22 •	30/ 720
DX 30 125	25	30/ 480
DX 30 128	28 •	30/ 480
DX 30 132	32	30/ 480
DX 30 135	35 •	30/ 240
DX 30 140	40	30/ 240
DX 30 150	50	30/ 180
DX 30 160	60	30/ 120

• on request

Selection guide: page 28

Technical sheets: page 228

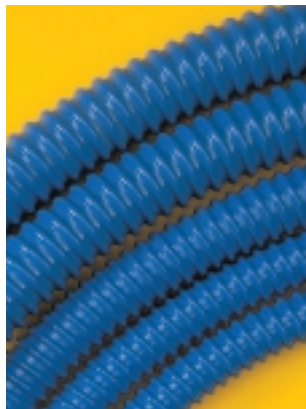
CARTON pack: coils individually wrapped in thermo-shrink film
carton: wooden pallets (to be returned to manufacturer) wrapped in stretch film
The pack refers to the minimum quantity for deliveries from the factory.

FLEXIBLE PROTECTIVE CONDUIT SYSTEMS

TERMIC Range spiralled sheath

TECHNICAL CHARACTERISTICS - **TERMIC** SELF-EXTINGUISHING SPIRALLED ISOLATING SHEATH

- **STANDARDS:** CEI EN 50086-1 and CEI EN 50086-2-3
- **CLASSIFICATION:** 2332
- **TEMPERATURE RESISTANCE:** -10 °C - +90 °C
- **TRADE NAME:** TERMIC
- **MARKING:** TERMIC with label on carton
- **COLOUR:** Light blue
- **MATERIAL:** Self-extinguishing thermoplastic (PVC) - based
Rigid for the spiral - plastic coated covering
- **LENGHT SUPPLIED:** 30 metres coils
- **APPLICATION:** To be used in industrial applications with high temperature until **90 °C** on operator machines thanks to high chemical and mineral resistance.
Ideal for conductors protection in the automation sector.
- **INSTALLATION TYPE:** View and built-in.



TRM

TERMIC light blue spiralled sheath

Code	Sheath Ø	Pack/Carton metres
DX 30 208	8•	30/1800
DX 30 210	10	30/1800
DX 30 212	12	30/1800
DX 30 214	14•	30/1080
DX 30 216	16	30/1080
DX 30 220	20	30/ 720
DX 30 222	22•	30/ 720
DX 30 225	25	30/ 480
DX 30 228	28•	30/ 480
DX 30 232	32	30/ 480
DX 30 235	35•	30/ 240
DX 30 240	40	30/ 240
DX 30 250	50	30/ 180
DX 30 260	60	30/ 120

• on request

Selection guide: page 28

Technical sheets: page 228

CARTON pack: coils individually wrapped in thermo-shrink film
carton: wooden pallets (to be returned to manufacturer) wrapped in stretch film
The pack refers to the minimum quantity for deliveries from the factory.

RD Range rotating pipe-fittings - IP 64



RDM

Grey metric rotating pipe-fitting

Code	Sheath Ø	Thread ISO	Pack/Carton Qty.
DX 54 008	8 •	M12x1	20/180
DX 54 010	10	M16x1.5	20/160
DX 54 012	12	M16x1.5	10/100
DX 54 016	16	M20x1.5	10/150
DX 54 020	20	M25x1.5	10/100
DX 54 022	22 •	M25x1.5	10/100
DX 54 025	25	M32x1.5	5/ 60
DX 54 028	28 •	M32x1.5	5/ 40
DX 54 032	32	M40x1.5	5/ 30
DX 54 040	40	M50x1.5	25
DX 54 050	50	M63x1.5	15

• on request

INSTALLATION TYPE: To connect spiralled sheaths with junction boxes in **metric** threaded or in non-threaded holes thanks to the supplied nut and seal.

MATERIAL: Self-extinguishing thermoplastic.



RDM

Black metric rotating pipe-fitting

Code	Sheath Ø	Thread ISO	Pack/Carton Qty.
DX 54 108	8 •	M12x1	20/180
DX 54 110	10	M16x1.5	20/160
DX 54 112	12	M16x1.5	10/100
DX 54 116	16	M20x1.5	10/150
DX 54 120	20	M25x1.5	10/100
DX 54 122	22 •	M25x1.5	10/100
DX 54 125	25	M32x1.5	5/ 60
DX 54 128	28 •	M32x1.5	5/ 40
DX 54 132	32	M40x1.5	5/ 30
DX 54 140	40	M50x1.5	25
DX 54 150	50	M63x1.5	15

• on request

INSTALLATION TYPE: To connect spiralled sheaths with junction boxes in **threaded** or non- threaded holes thanks to the supplied nut and seal.

MATERIAL: Self-extinguishing thermoplastic.



The most wide range of accessories for spiralled sheaths available in a single catalogue.

Selection guide: page 28

Technical sheets: page 229

CARTON

pack:
carton: polyethylene bags
cardboard boxes

FLEXIBLE PROTECTIVE CONDUIT SYSTEMS

RD Range rotating pipe-fittings - IP 64



RDG

Grey GAS rotating pipe-fitting

Code	Sheath Ø	Thread GAS	Pack/Carton Qty.
DX 54 208	8 •	1/4"	20/180
DX 54 210	10	1/4"	20/160
DX 54 212	12	3/8"	10/100
DX 54 214	14 •	1/2"	10/150
DX 54 216	16	1/2"	10/150
DX 54 220	20	3/4"	10/100
DX 54 222	22 •	3/4"	10/100
DX 54 225	25	1"	5/ 60
DX 54 228	28 •	1"	5/ 40
DX 54 232	32	1 1/4"	5/ 30
DX 54 235	35 •	1 1/4"	5/ 30
DX 54 240	40	1 1/2"	25
DX 54 250	50	2"	15

• on request

INSTALLATION TYPE: To connect spiralled sheaths with junction boxes in **GAS** threaded or in non-threaded holes, thanks to the supplied nut and seal.

MATERIAL: Self-extinguishing thermoplastic.



RDG

Black GAS rotating pipe-fitting

Code	Sheath Ø	Thread GAS	Pack/Carton Qty.
DX 54 308	8 •	1/4"	20/180
DX 54 310	10	1/4"	20/160
DX 54 312	12	3/8"	10/100
DX 54 314	14 •	1/2"	10/150
DX 54 316	16	1/2"	10/150
DX 54 320	20	3/4"	10/100
DX 54 322	22 •	3/4"	10/100
DX 54 325	25	1"	5/ 60
DX 54 328	28 •	1"	5/ 40
DX 54 332	32	1 1/4"	5/ 30
DX 54 335	35 •	1 1/4"	5/ 30
DX 54 340	40	1 1/2"	25
DX 54 350	50	2"	15

• on request

INSTALLATION TYPE: To connect spiralled sheaths with junction boxes in **GAS** threaded or in non-threaded holes, thanks to the supplied nut and seal.

MATERIAL: Self-extinguishing thermoplastic.

Selection guide: page 28

Technical sheets: page 229

CARTON

pack:
carton:

polyethylene bags
cardboard boxes

RD Range rotating pipe-fittings - IP 64



RDPG

Grey PG rotating pipe-fitting

Code	Sheath Ø	Thread PG	Pack/Carton Qty.
DX 54 408	8 •	7	20/180
DX 54 410	10	7	20/160
DX 54 411	10	9	20/160
DX 54 412	12	11	10/100
DX 54 413	12	13.5	10/100
DX 54 414	14 •	13.5	10/150
DX 54 416	16	13.5	10/150
DX 54 417	16	16	10/150
DX 54 420	20	21	10/100
DX 54 422	22 •	21	10/100
DX 54 425	25	29	5/ 60
DX 54 428	28 •	29	5/ 40
DX 54 432	32	36	5/ 30
DX 54 435	35 •	36	5/ 30

• on request

INSTALLATION TYPE: To connect spiralled sheaths with junction boxes in **PG** threaded or in non-threaded holes, thanks to the supplied nut and seal.

MATERIAL: Self-extinguishing thermoplastic.



RDPG

Black PG rotating pipe-fitting

Code	Sheath Ø	Thread PG	Pack/Carton Qty.
DX 54 508	8 •	7	20/180
DX 54 510	10	7	20/160
DX 54 511	10	9	20/160
DX 54 512	12	11	10/100
DX 54 513	12	13.5	10/100
DX 54 514	14 •	13.5	10/150
DX 54 516	16	13.5	10/150
DX 54 517	16	16	10/150
DX 54 520	20	21	10/100
DX 54 522	22 •	21	10/100
DX 54 525	25	29	5/ 60
DX 54 528	28 •	29	5/ 40
DX 54 532	32	36	5/ 30
DX 54 535	35 •	36	5/ 30

• on request

INSTALLATION TYPE: To connect spiralled sheaths with junction boxes in **PG** threaded or in non-threaded holes, thanks to the supplied nut and seal.

MATERIAL: Self-extinguishing thermoplastic.

Selection guide: page 28

Technical sheets: page 229

CARTON

pack:
carton: polyethylene bags
cardboard boxes

FLEXIBLE PROTECTIVE CONDUIT SYSTEMS

RC Range rotating pipe-fittings - IP 64



RCG

Grey GAS rotating pipe-fitting

Code	Sheath Ø	Thread GAS	Pack/Carton Qty.
DX 55 010	10	1/4"	20/ 120
DX 55 012	12	3/8"	10/ 60
DX 55 016	16	1/2"	10/ 110
DX 55 020	20	3/4"	10/ 60
DX 55 025	25	1"	10/ 30
DX 55 032	32	1 1/4"	5/ 15

INSTALLATION TYPE: To connect spiralled sheaths with junction boxes in **GAS** threaded or in non-threaded holes, thanks to the supplied nut and seal.

MATERIAL: Self-extinguishing thermoplastic.



RCG

Black GAS rotating pipe-fitting

Code	Sheath Ø	Thread GAS	Pack/Carton Qty.
DX 55 110	10	1/4"	20/ 120
DX 55 112	12	3/8"	10/ 60
DX 55 116	16	1/2"	10/ 110
DX 55 120	20	3/4"	10/ 60
DX 55 125	25	1"	10/ 30
DX 55 132	32	1 1/4"	5/ 15

INSTALLATION TYPE: To connect spiralled sheaths with junction boxes in **GAS** threaded or in non-threaded holes, thanks to the supplied nut and seal.

MATERIAL: Self-extinguishing thermoplastic.

Selection guide: page 28

Technical sheets: page 230

CARTON

pack:
carton:

polyethylene bags
cardboard boxes

RC Range rotating pipe-fittings - IP 64



RCPG

Grey PG rotating pipe-fitting

Code	Sheath Ø	Thread PG	Pack/Carton Qty.
DX 55 210	10	9	20/120
DX 55 212	12	11	10/ 60
DX 55 213	12	13.5	10/ 60
DX 55 216	16	13.5	10/ 110
DX 55 217	16	16	10/ 110
DX 55 220	20	21	10/ 60
DX 55 225	25	29	10/ 30
DX 55 232	32	36	5/ 15

INSTALLATION TYPE: To connect spiralled sheaths with junction boxes in PG threaded or in non-threaded holes, thanks to the supplied nut and seal.

MATERIAL: Self-extinguishing thermoplastic.



RCPG

Black PG rotating pipe-fitting

Code	Sheath Ø	Thread PG	Pack/Carton Qty.
DX 55 310	10	9	20/120
DX 55 312	12	11	10/ 60
DX 55 313	12	13.5	10/ 60
DX 55 316	16	13.5	10/110
DX 55 317	16	16	10/110
DX 55 320	20	21	10/ 60
DX 55 325	25	29	10/ 30
DX 55 332	32	36	5/ 15

INSTALLATION TYPE: To connect spiralled sheaths with junction boxes in PG threaded or in non-threaded holes, thanks to the supplied nut and seal.

MATERIAL: Self-extinguishing thermoplastic.

Selection guide: page 28

Technical sheets: page 230

CARTON

pack:
carton: polyethylene bags
cardboard boxes

FLEXIBLE PROTECTIVE CONDUIT SYSTEMS

RUN Range universal fixed pipe-fittings - IP 64



RUN-M

Grey metric universal fixed pipe-fitting

Code	Sheath Ø	Thread ISO	Pack/Carton Qty.
DX 56 008	8 •	M12x1	20/160
DX 56 010	10	M16x1.5	10/170
DX 56 012	12	M16x1.5	10/150
DX 56 014	14 •	M16x1.5	10/130
DX 56 016	16	M20x1.5	10/110
DX 56 022	20-22 •	M25x1.5	10/ 50
DX 56 025	25	M25x1.5	10/ 50
DX 56 028	28 •	M32x1.5	10/ 40
DX 56 040	40	M40x1.5	15
DX 56 050	50	M50x1.5	12

• on request

INSTALLATION TYPE: To connect spiralled sheaths with junction boxes in **metric** threaded or in non-threaded holes thanks to the supplied nut and seal.

MATERIAL: Self-extinguishing thermoplastic.



RUN-M

Black metric universal fixed pipe-fitting

Code	Sheath Ø	Thread ISO	Pack/Carton Qty.
DX 56 108	8 •	M12x1	20/160
DX 56 110	10	M16x1.5	10/170
DX 56 112	12	M16x1.5	10/150
DX 56 114	14 •	M16x1.5	10/130
DX 56 116	16	M20x1.5	10/110
DX 56 122	20-22 •	M25x1.5	10/ 50
DX 56 125	25	M25x1.5	10/ 50
DX 56 128	28 •	M32x1.5	10/ 40
DX 56 140	40	M40x1.5	15
DX 56 150	50	M50x1.5	12

• on request

INSTALLATION TYPE: To connect spiralled sheaths with junction boxes in **metric** threaded or in non-threaded holes thanks to the supplied nut and seal.

MATERIAL: Self-extinguishing thermoplastic.

Selection guide: page 29

Technical sheets: page 231

CARTON

pack:
carton:

polyethylene bags
cardboard boxes

RUN Range universal fixed pipe-fittings - IP 64



RUN-GAS

Grey GAS fixed pipe-fitting

Code	Sheath Ø	Thread GAS	Pack/Carton Qty.
DX 56 208	8 •	1/4"	20/160
DX 56 210	10	1/4"	10/170
DX 56 212	12	3/8"	10/150
DX 56 214	14 •	1/2"	10/130
DX 56 216	16	1/2"	10/110
DX 56 222	20-22 •	3/4"	10/ 50
DX 56 225	25	3/4"	10/ 50
DX 56 228	28 •	1"	10/ 40
DX 56 232	32	1 1/4"	3/ 18
DX 56 235	35 •	1 1/4"	3/ 18
DX 56 240	40	1 1/2"	15
DX 56 250	50	2"	12

• on request

INSTALLATION TYPE: to connect spiralled sheaths with junction boxes in **GAS** threaded or in non-threaded holes, thanks to the supplied nut and seal.

MATERIAL: self-extinguishing thermoplastic.



RUN-GAS

Black GAS fixed pipe-fitting

Code	Sheath Ø	Thread GAS	Pack/Carton Qty.
DX 56 308	8 •	1/4"	20/160
DX 56 310	10	1/4"	10/170
DX 56 312	12	3/8"	10/150
DX 56 314	14 •	1/2"	10/130
DX 56 316	16	1/2"	10/110
DX 56 322	20-22 •	3/4"	10/ 50
DX 56 325	25	3/4"	10/ 50
DX 56 328	28 •	1"	10/ 40
DX 56 332	32	1 1/4"	3/ 18
DX 56 335	35 •	1 1/4"	3/ 18
DX 56 340	40	1 1/2"	15
DX 56 350	50	2"	12

• on request

INSTALLATION TYPE: to connect spiralled sheaths with junction boxes in **GAS** threaded or in non-threaded holes, thanks to the supplied nut and seal.

MATERIAL: self-extinguishing thermoplastic.

Selection guide: page 29

Technical sheets: page 231

CARTON

pack:
carton: polyethylene bags
cardboard boxes

FLEXIBLE PROTECTIVE CONDUIT SYSTEMS

RUN Range universal fixed pipe-fittings - IP 64



RUN-PG

Grey PG fixed pipe-fitting

Code	Sheath Ø	Thread PG	Pack/Carton Qty.
DX 56 408	8 •	7	20/160
DX 56 410	10	7	10/170
DX 56 411	12	9	10/150
DX 56 412	12	11	10/150
DX 56 413	12	13.5	10/150
DX 56 414	14 •	13.5	10/130
DX 56 415	16	11	10/110
DX 56 416	16	13.5	10/110
DX 56 417	16	16	10/110
DX 56 422	20-22 •	16	10/ 50
DX 56 423	20-22 •	21	10/ 50
DX 56 425	25	21	10/ 50
DX 56 428	28 •	29	10/ 40
DX 56 432	32	36	3/ 18
DX 56 435	35 •	36	3/ 18
DX 56 440	40	42	15
DX 56 450	50	48	12

• on request

INSTALLATION TYPE: To connect spiralled sheaths with junction boxes in **PG** threaded or in non-threaded holes, thanks to the supplied nut and seal.

MATERIAL: Self-extinguishing thermoplastic.



RUN-PG

Black PG fixed pipe-fitting

Code	Sheath Ø	Thread PG	Pack/Carton Qty.
DX 56 508	8 •	7	20/160
DX 56 510	10	7	10/170
DX 56 511	12	9	10/150
DX 56 512	12	11	10/150
DX 56 513	12	13.5	10/150
DX 56 514	14 •	13.5	10/130
DX 56 515	16	11	10/110
DX 56 516	16	13.5	10/110
DX 56 517	16	16	10/110
DX 56 522	20-22 •	16	10/ 50
DX 56 523	20-22 •	21	10/ 50
DX 56 525	25	21	10/ 50
DX 56 528	28 •	29	10/ 40
DX 56 532	32	36	3/ 18
DX 56 535	35 •	36	3/ 18
DX 56 540	40	42	15
DX 56 550	50	48	12

• on request

INSTALLATION TYPE: To connect spiralled sheaths with junction boxes in **PG** threaded or in non-threaded holes, thanks to the supplied nut and seal.

MATERIAL: Self-extinguishing thermoplastic.

Selection guide: page 29

Technical sheets: page 231

CARTON

pack:
carton: polyethylene bags
cardboard boxes

Conduit-sheath pipe-fitting - IP 65



RMG

MORBIDX® quick-release conduit-sheath pipe-fitting

Code	Conduits Ø	For sheaths Ø	Pack/Carton Qty.
DX 43 316	16	12	10/450
DX 43 320	20	16	10/300
DX 43 325	25	20	5/ 210
DX 43 332	32	25	5/ 120
DX 43 340	40	32	5/ 75
DX 43 350	50	40	5/ 60

INSTALLATION TYPE: Rigid conduit-DIFLEX or TERMIC spiralled sheath pipe-fitting.
MATERIAL: Self-extinguishing thermoplastic - Grey RAL 7035.



RMG

New MORBIDX® quick-release conduit-sheath pipe-fitting

Code	Conduits Ø	For sheaths Ø	Pack/Carton Qty.
DX 43 416	16	16	10/360
DX 43 420	20	20	10/240
DX 43 425	25	25	10/150
DX 43 432	32	28 •	10/ 40
DX 43 440	40	40	5/ 20

• on request

INSTALLATION TYPE: Rigid conduit-DIFLEX or TERMIC spiralled sheath pipe-fitting; it allows keeping the same internal diameter at the junction point: the internal section for cables is the same and the area for system conductors is bigger.

MATERIAL: Self-extinguishing thermoplastic - Grey RAL 7035.

Selection guide: page 29

Technical sheets: page 218

CARTON

pack:
carton: polyethylene bags
cardboard boxes

FLEXIBLE PROTECTIVE CONDUIT SYSTEMS

Sheath-sheath pipe-fittings - IP 65



MDG-G

Sheath-sheath rotating coupling

Code	Sheaths Ø	Pack/Carton Qty.
DX 55 812	12	10/360
DX 55 816	16	10/240
DX 55 820	20	10/180

INSTALLATION TYPE: No. 2 DIFLEX or TERMIC spiralled sheaths of same diameter pipe-fitting.

MATERIAL: Self-extinguishing thermoplastic - Grey RAL 7035.

Sheath-cable pipe-fittings - IP 65



RGC

Sheath-cable quick-release pipe-fitting

Code	Conduits Ø	For cable Ø mm	Pack/Carton Qty.
DX 55 613	16	3 - 6	10/100
DX 55 616	16	6 - 9	10/100
DX 55 619	16	9 - 12	10/100
DX 55 623	20	3 - 6	10/ 80
DX 55 626	20	6 - 9	10/ 80
DX 55 629	20	9 - 12	10/ 80

INSTALLATION TYPE: Pipe-fitting for input of sheath with 16-20 Ø and output cable duct Ø 3-6, 6-9, 9-12 mm; it allows a rapid connection with luminaires, electrical boards and equipment while assuring IP 65 waterproof seal to the outgoing cable.

MATERIAL: Self-extinguishing thermoplastic - Grey RAL 7035.

Selection guide: page 29

Technical sheets: page 232

CARTON

pack:
carton:

polyethylene bags
cardboard boxes

LIGHT Range spiral sheath

TECHNICAL CHARACTERISTICS - **LIGHT** SELF-EXTINGUISHING SPIRALLED ISOLATING SHEATH

- **STANDARDS:** (p.q.a.) CEI EN 50086-1 and CEI EN 50086-2-3
- **TRADE NAME:** LIGHT
- **TEMPERATURE RESISTANCE:** +5°C - +60 °C
- **MARKING:** Less than 3 m intervals
- **MATERIALE:** Self-extinguishing thermo-plastic (PVC) - based
Rigid for the spiral - plastic coated covering
- **LENGHT SUPPLIED:** 30 metres coils
- **APPLICATION:** For non-heavy duty in industrial applications.
- **INSTALLATION TYPE:** View.



LIGHT Spiralled sheath

	Code	Sheaths Ø	Pack/Carton metres
NEW	DX 30 812 •	12	30/1800
NEW	DX 30 816 •	16	30/1080
NEW	DX 30 820 •	20	30/ 720
NEW	DX 30 825 •	25	30/ 480

• in course of realization

Selection guide: page 28

Technical sheets: page 233

CARTON

pack: coils individually wrapped in thermo-shrink film
carton: wooden pallets (to be returned to manufacturer) wrapped in stretch film
The pack refers to the minimum quantity for deliveries from the factory.



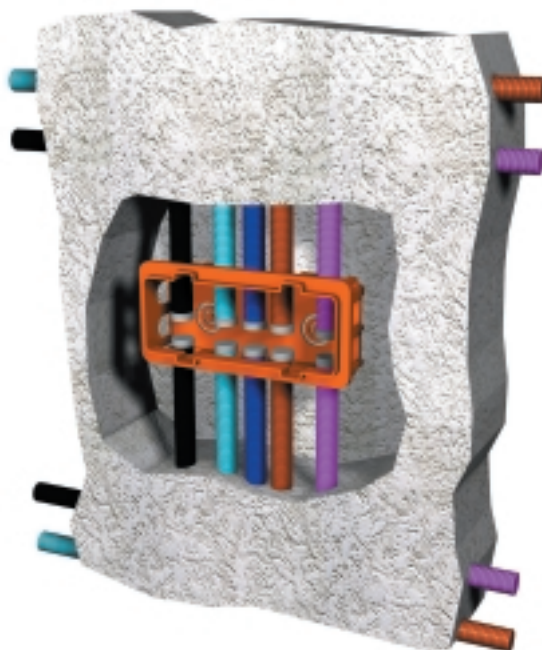
Complementary system items

• Selection guide.....	page 46
• ARCOBALENO Range PVC pliable conduits.....	page 47
• ICTA Range polypropylene pliable conduits.....	page 51
• Conduit accessories.....	page 53

Characteristics and advantages

Guarantee on the quality of the installation

The safety of the installation is guaranteed by the undisputed quality of the corrugated GEWISS conduits. The use of PVC in powder form makes it possible to make the finished product in a single transformation, guaranteeing the best technical-physical characteristics.



Arcobaleno Range

The by now tried and tested range of colours to identify the various lines has become a sound solution, especially in the current electrical installations that are ever more complex.

Technology and quality

Thanks to modern extrusion systems and checks on the finished product, there is no chance of micro-perforations on the surface of the conduit, often due to infiltrations inside cement materials, which could create obstructions or damage to the cables they contain.

TAPAFLEX AND GIUNTALEX

Simple components but extremely useful in safely making workmanlike installations.

The plugs prevent foreign bodies getting inside the conduits before the conductors are inserted. The joints make it possible to join corrugated conduits of the same diameter.

APPLICATION SOLUTIONS



FK 15 Arcobaleno Range

Ideal in all electrical systems in chase thanks to the different colours making it possible to shorten the time for inserting the various lines



ICTA Range

Sunk in the concrete in all prefabricated building applications, thanks to the characteristic of self-tempering and resistance to high temperatures.



FK 15/F Range

The version with the cable-puller feeler makes it possible to drag the conductors inside immediately without the aid of any additional feelers.

PLIABLE PROTECTIVE CONDUIT SYSTEMS

Selection guide

FK 15 Arcobaleno Range												
CONDUITS Ø	BLACK FK 15 		GREEN FK 15V 		LIGHT BLUE FK 15A 		BROWN FK 15M 		LILAC FK 15L 		WHITE BA 	
		WITH CABLE-PULLER FEELER		WITH CABLE-PULLER FEELER		WITH CABLE-PULLER FEELER		WITH CABLE-PULLER FEELER		WITH CABLE-PULLER FEELER		WITH CABLE-PULLER FEELER
16	DX 15 016	DX 15 116	DX 15 216	DX 15 316	DX 15 416	DX 15 516	DX 15 616	DX 15 716	DX 15 816	DX 15 916	DX 16 216	DX 16 316
20	DX 15 020	DX 15 120	DX 15 220	DX 15 320	DX 15 420	DX 15 520	DX 15 620	DX 15 720	DX 15 820	DX 15 920	DX 16 220	DX 16 320
25	DX 15 025	DX 15 125	DX 15 225	DX 15 325	DX 15 425	DX 15 525	DX 15 625	DX 15 725	DX 15 825	DX 15 925	DX 16 225	DX 16 325
32	DX 15 032	DX 15 132	DX 15 232	DX 15 332	DX 15 432	DX 15 532	DX 15 632	DX 15 732	DX 15 832	DX 15 932	DX 16 232	DX 16 332
40	DX 15 040	DX 15 140	DX 15 240	DX 15 340	DX 15 440	DX 15 540	DX 15 640	DX 15 740	DX 15 840	DX 15 940	DX 16 240	DX 16 340
50	DX 15 050	DX 15 150	DX 15 250	DX 15 350	DX 15 450	DX 15 550	DX 15 650	DX 15 750	DX 15 850	DX 15 950	DX 16 250	DX 16 350
63	DX 15 063	DX 15 163										

ICTA Range				
CONDUITS Ø	ICTA SELF-EXTINGUISHING 		ICTA SELF-EXTINGUISHING 	
	GREY	WITH CABLE-PULLER FEELER	DARK GREY	WITH CABLE-PULLER FEELER
16	DX 20 016	DX 20 116	DX 20 416	DX 20 516
20	DX 20 020	DX 20 120	DX 20 420	DX 20 520
25	DX 20 025	DX 20 125	DX 20 425	DX 20 525
32	DX 20 032	DX 20 132	DX 20 432	DX 20 532
40	DX 20 040	DX 20 140	DX 20 440	DX 20 540
50	DX 20 050	DX 20 150	DX 20 450	DX 20 550
63	DX 20 063	DX 20 163	DX 20 463	DX 20 563

Accessories						
CONDUITS Ø	GIUNTAFLX® GF 	TAPAFLEX® TP 	SONDA TIRACAVI 			STS PULLER ACCESSORIES
	COUPLING	CAP	LENGHT. M	ST Ø 3 MM	STS Ø 4 MM	
16	DX 52 016	DX 52 116	5	DX 52 205	DX 52 305	 DX 52 299 Flexible brass and steel head
20	DX 52 020	DX 52 120	10	DX 52 210	DX 52 310	
25	DX 52 025	DX 52 125	15	DX 52 215	DX 52 315	
32	DX 52 032	DX 52 132	20	DX 52 220	DX 52 320	
40	DX 52 040	DX 52 140	25	DX 52 225	DX 52 325	 DX 52 399 Brass tail ring
50	DX 52 050	DX 52 150				
63	DX 52 063	DX 52 163				

FK 15 Arcobaleno Range pliable conduit

TECHNICAL CHARACTERISTICS - **FK 15** ISOLATING SELF-EXTINGUISHING PLIABLE CONDUIT WITH NF-USE-IMQ MARKING

- **STANDARDS:** CEI EN 50086-1 and CEI EN 50086-2-2 (CEI 23-55)
- **CLASSIFICATION:** 3321
- **TRADE NAME:** NORMAFLEX FK 15
- **MARKING:** FK 15 less than 3 m intervals
- **COLOUR:** Black, green, light blue, brown, lilac, white
- **MATERIAL:** Polyvinyl chloride (PVC)-based thermoplastic
- **LENGHT SUPPLIED:** According to diameter
- **APPLICATION:** In electrical built-in systems
- **INSTALLATION TYPE:** Floor, wall and ceiling; suitable for false ceiling and floating floors installations

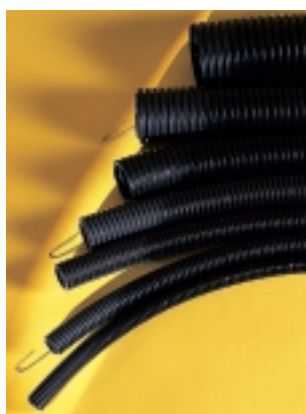


FK 15

Medium black pliable conduit

Code	Conduits Ø	Pack/Carton metres
DX 15 016	16	100/5600
DX 15 020	20	100/4800
DX 15 025	25	50/2400
DX 15 032	32	25/1300
DX 15 040	40	25/ 500
DX 15 050	50	25/ 400
DX 15 063	63	20/ 400

INSTALLATION TYPE: The black colour is recommended to identify the distribution and driving power lines.



FK 15

Medium black pliable conduit with cable-puller feeler

Code	Conduits Ø	Pack/Carton metres
DX 15 116	16	100/5600
DX 15 120	20	100/4800
DX 15 125	25	50/2400
DX 15 132	32	25/1300
DX 15 140	40	25/ 500
DX 15 150	50	25/ 400
DX 15 163	63	20/ 400

INSTALLATION TYPE: The black colour is recommended to identify the distribution and driving power lines.

The cable-puller feeler allows easy recovering of the cables.

IMQ-NF-USE certification only refers to the protective conduit, as standards do not indicate specifications about cable-puller feelers.



The use of conduits with different colours allows an easy identification of the electrical lines and of service, even in case of future work. This also avoids having to apply many labels, which is always an unreliable procedure (Standard CEI 64-8).

Selection guide: page 46

Technical sheets: page 235

CARTON

pack:
carton:

coils individually wrapped in thermo-shrink film
wooden pallets (to be returned to manufacturer) wrapped in stretch film

PLIABLE PROTECTIVE CONDUIT SYSTEMS

FK 15 Arcobaleno Range pliable conduit



FK 15V

Medium green pliable conduit

Code	Conduits Ø	Pack/Carton metres
DX 15 216	16	100/2400
DX 15 220	20	100/2000
DX 15 225	25	50/1000
DX 15 232	32	25/ 600
DX 15 240	40	25/ 500
DX 15 250	50	25/ 400

INSTALLATION TYPE: The green colour is recommended to identify the telephone lines.



FK 15V/F

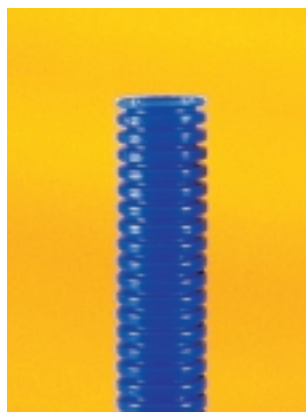
Medium green pliable conduit with cable-puller feeler

Code	Conduits Ø	Pack/Carton metres
DX 15 316	16	100/2400
DX 15 320	20	100/2000
DX 15 325	25	50/1000
DX 15 332	32	25/ 600
DX 15 340	40	25/ 500
DX 15 350	50	25/ 400

INSTALLATION TYPE: The green colour is recommended to identify the telephone lines.

The cable-puller feeler allows easy recovering of the cables.

IMQ certification only refers to the protective conduit, as standards do not indicate specifications about cable-puller feelers.



FK 15A

Medium light blue pliable conduit

Code	Conduits Ø	Pack/Carton metres
DX 15 416	16	100/2400
DX 15 420	20	100/2000
DX 15 425	25	50/1000
DX 15 432	32	25/ 600
DX 15 440	40	25/ 500
DX 15 450	50	25/ 400

INSTALLATION TYPE: The light blue colour is recommended to identify the intercom and video intercom lines.



FK 15A/F

Medium light blue pliable conduit with cable-puller feeler

Code	Conduits Ø	Pack/Carton metres
DX 15 516	16	100/2400
DX 15 520	20	100/2000
DX 15 525	25	50/1000
DX 15 532	32	25/ 600
DX 15 540	40	25/ 500
DX 15 550	50	25/ 400

INSTALLATION TYPE: The light blue colour is recommended to identify the intercom and video intercom lines.

The cable-puller feeler allows easy recovering of the cables.

IMQ certification only refers to the protective conduit, as standards do not indicate specifications about cable-puller feelers.

Selection guide: page 46

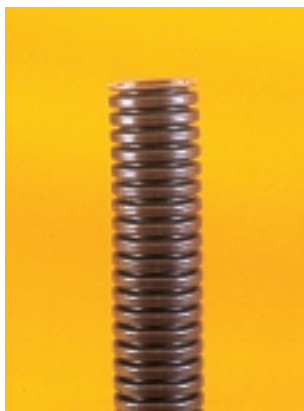
Technical sheets: page 235

CARTON

pack:
carton:

coils individually wrapped in thermo-shrink film
wooden pallets (to be returned to manufacturer) wrapped in stretch film

FK 15 Arcobaleno Range pliable conduit

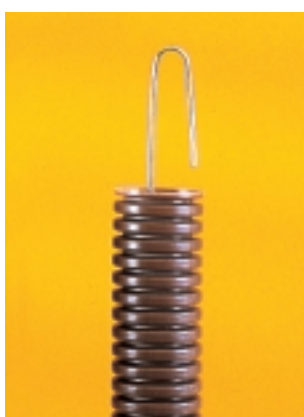


FK 15M

Medium brown pliable conduit

Code	Conduits Ø	Pack/Carton metres
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

INSTALLATION TYPE: The brown colour is recommended to identify the emergency and alarm lights.



FK 15M/F

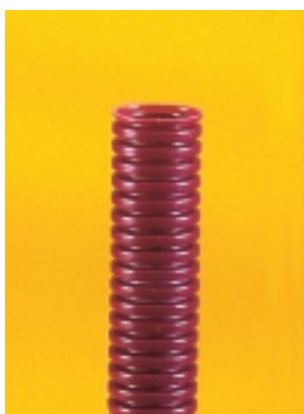
Medium brown pliable conduit with cable-puller feeler

Code	Conduits Ø	Pack/Carton metres
DX 15 716	16	100/2400
DX 15 720	20	100/2000
DX 15 725	25	50/1000
DX 15 732	32	25/ 600
DX 15 740	40	25/ 500
DX 15 750	50	25/ 400

INSTALLATION TYPE: The brown colour is recommended to identify the emergency and alarm lights.

The cable-puller feeler allows easy recovering of the cables.

IMQ certification only refers to the protective conduit, as standards do not indicate specifications about cable-puller feelers.



FK 15L

Medium lilac pliable conduit

Code	Conduits Ø	Pack/Carton metres
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

INSTALLATION TYPE: The lilac colour is recommended to identify the sound diffusion and hi-fi lines.



FK 15L/F

Medium lilac pliable conduit with cable-puller feeler

Code	Conduits Ø	Pack/Carton metres
DX 15 916	16	100/2400
DX 15 920	20	100/2000
DX 15 925	25	50/1000
DX 15 932	32	25/ 600
DX 15 940	40	25/ 500
DX 15 950	50	25/ 400

INSTALLATION TYPE: The lilac colour is recommended to identify the sound diffusion and hi-fi lines.

The cable-puller feeler allows easy recovering of the cables.

IMQ certification only refers to the protective conduit, as standards do not indicate specifications about cable-puller feelers.

Selection guide: page 46

Technical sheets: page 235

CARTON

pack:
carton:

coils individually wrapped in thermo-shrink film
wooden pallets (to be returned to manufacturer) wrapped in stretch film

PLIABLE PROTECTIVE CONDUIT SYSTEMS

FK 15 Arcobaleno Range pliable conduit



FK 15BA

Medium white pliable conduit

Code	Conduits Ø	Pack/Carton metres
DX 16 216	16	100/2400
DX 16 220	20	100/2000
DX 16 225	25	50/1000
DX 16 232	32	25/ 600
DX 16 240	40	25/ 500
DX 16 250	50	25/ 400

INSTALLATION TYPE: The white colour is recommended to identify the cd-axial computer cables.

FK 15BA/F

Medium white pliable conduit with cable-puller feeler

Code	Conduits Ø	Pack/Carton metres
DX 16 316	16	100/2400
DX 16 320	20	100/2000
DX 16 325	25	50/1000
DX 16 332	32	25/ 600
DX 16 340	40	25/ 500
DX 16 350	50	25/ 400

INSTALLATION TYPE: The white colour is recommended to identify the cd-axial computer cables.
The cable-puller feeler allows easy recovering of the cables.
IMQ certification only refers to the protective conduit, as standards do not indicate specifications about cable-puller feelers.

Selection guide: page 46

Technical sheets: page 235

CARTON

pack:
carton:

coils individually wrapped in thermo-shrink film
wooden pallets (to be returned to manufacturer) wrapped in stretch film

ICTA Range **self-extinguishing** self-recovering pliable conduit

TECHNICAL CHARACTERISTICS - **ICTA** ISOLATING SELF-RECOVERING PLIABLE CONDUIT WITH IMQ-NF-USE-CEBEC-KEMAKEUR MARKING

- **STANDARDS:** CEI EN 50086-1 and CEI EN 50086-2-2 (CEI 23-55)
- **CLASSIFICATION:** **3422**
- **TRADE NAME:** ICTA
- **MARKING:** ICTA - IMQ - NF-USE - CEBEC - KEMAKEUR
Less than 3 m intervals
- **COLOURS:** Grey - *black (on request)
- **MATERIAL:** Self-extinguishing polypropylene based thermoplastic
- **LENGHT SUPPLIED:** According to diameter
- * Black colour (available on request with 5% charge)
- **APPLICATION:** In electrical built-in systems.
- **INSTALLATION TYPE:** In floor, wall and ceiling buried in concrete; suitable for false ceiling and floating floors installations.



ICTA

Medium grey self-recovering pliable conduit

Code	Conduits Ø	Pack/Carton metres
DX 20 016	16	100/5600
DX 20 020	20	100/4800
DX 20 025	25	50/2400
DX 20 032	32	25/1300
DX 20 040	40	25/ 500
DX 20 050	50	25/ 400
DX 20 063	63	20/ 400



ICTA/F

Medium grey self-recovering pliable conduit with cable-puller feeler

Code	Conduits Ø	Pack/Carton metres
DX 20 116	16	100/5600
DX 20 120	20	100/4800
DX 20 125	25	50/2400
DX 20 132	32	25/1300
DX 20 140	40	25/ 500
DX 20 150	50	25/ 400
DX 20 163	63	20/ 400

INSTALLATION TYPE: The cable-puller feeler allows easy recovering of the cables. IMQ certification only refers to the protective conduit, as standards do not indicate specifications about cable-puller feelers.



Especially designed for prefabricated buildings thanks to high transversal electricity. The self-recovering guarantees the primitive spring back conduit dimensions in short time in case of squashing.

In case of combustion they provoke a very small quantity of toxic smokes and gasses.

Selection guide: page 46

Technical sheets: page 235

CARTON

pack: coils individually wrapped in thermo-shrink film
carton: wooden pallets (to be returned to manufacturer) wrapped in stretch film

PLIABLE PROTECTIVE CONDUIT SYSTEMS

ICTA Range **self-extinguishing** self-recovering pliable conduit



ICTA

Medium dark grey self-recovering pliable conduit

Code	Conduits Ø	Pack/Carton metres
DX 20 416	16	100/5600
DX 20 420	20	100/4800
DX 20 425	25	50/2400
DX 20 432	32	25/1300
DX 20 440	40	25/ 500
DX 20 450	50	25/ 400
DX 20 463	63	20/ 400

ICTA/F

Medium dark grey self-recovering pliable conduit with cable-puller feeler

Code	Conduits Ø	Pack/Carton metres
DX 20 516	16	100/5600
DX 20 520	20	100/4800
DX 20 525	25	50/2400
DX 20 532	32	25/1300
DX 20 540	40	25/ 500
DX 20 550	50	25/ 400
DX 20 563	63	20/ 400

INSTALLATION TYPE: The cable-puller feeler allows easy recovering of the cables.
IMQ certification only refers to the protective conduit, as standards don't indicate specifications about cable-puller feelers.



Especially designed for prefabricated buildings thanks to high transversal electricity. The self-recovering guarantees the primitive spring back conduit dimensions in short time in case of squashing.
In case of combustion they provoke a very small quantity of toxic smokes and gasses.

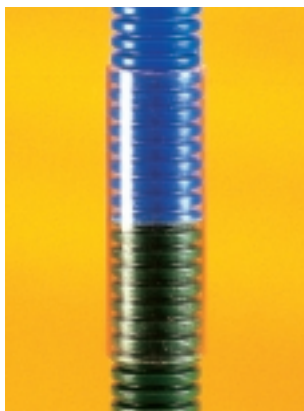
Selection guide: page 46

Technical sheets: page 235

CARTON

pack:
carton:

coils individually wrapped in thermo-shrink film
wooden pallets (to be returned to manufacturer) wrapped in stretch film

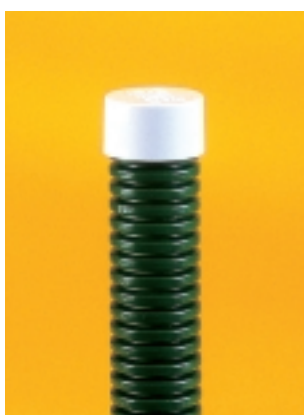

GF

GIUNTAFLEX® coupling for pliable conduit

Code	Conduits Ø	Pack/Carton Qty.
DX 52 016	16	50/200
DX 52 020	20	50/150
DX 52 025	25	50/100
DX 52 032	32	25/ 75
DX 52 040	40	10/ 40
DX 52 050	50	10/ 40
DX 52 063	63	25

INSTALLATION TYPE: For the connection of pliable conduits with the same diameter: the corrugation creates a vacuum effect between the crest and the lop, greatly improving the connection efficiency. This accessories allows to use recovered parts of corrugated conduits.

MATERIAL: Soft-transparent PVC.


TF

TAPAFLEX® cap for pliable conduit

Code	Conduits Ø	Pack/Carton Qty.
DX 52 116	16	100/500
DX 52 120	20	100/400
DX 52 125	25	50/250
DX 52 132	32	25/125
DX 52 140	40	25/100
DX 52 150	50	25/ 75
DX 52 163	63	50

INSTALLATION TYPE: Used to prevent undesired liquid or solid objects from entering conduits during their installation and in case when conduits are empty and ready for cable introduction. All eventual and troublesome stoppage problems are avoided, and caps can be recovered once work is over.

MATERIAL: Thermo-plastic PVC-based - Grey RAL 7035.


ST

Nylon Ø 3 mm cable-puller feeler

Code	Lenght m	Pack/Carton Qty.
DX 52 205	5	1/10
DX 52 210	10	1/10
DX 52 215	15	1/10
DX 52 220	20	1/10
DX 52 225	25	1/10

INSTALLATION TYPE: Used for the introduction of electrical cables inside protective conduits. Made of a 3 mm Ø nylon rod which ensures lightness and flexibility to the feeler, ideal characteristics for short and simple installations. The feeler also have an extremely resistant head.


STS

Nylon Ø 4 mm cable-puller feeler and accessories

Code	Lenght m	Pack/Carton Qty.
DX 52 305	5	1/ 40
DX 52 310	10	1/ 25
DX 52 315	15	1/ 15
DX 52 320	20	1/ 15
DX 52 325	25	1/ 15
DX 52 299	Accessory: flexible head	10/200
DX 52 399	Accessory: tail ring	10/200

INSTALLATION TYPE: Power and flexibility are the main characteristics of this feeler, that allow to avoid variations in installation direction thanks to the 4 mm Ø nylon rod and to the softnes of flexible head. It is possible to replace the head with the tail ring, in order to reduce cable threading time in short installations.

CARTON

pack: polyethylene bags
carton: cardboard boxes

Selection guide: page 46

Technical sheets: page 235



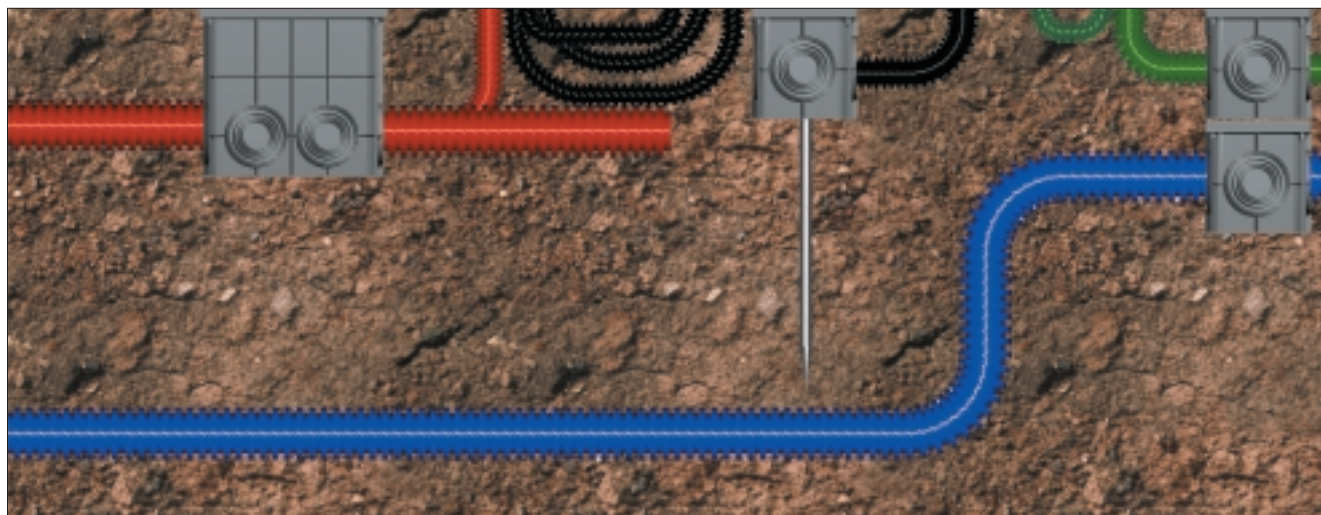
Complementary system items

• Selection guide.....	page 56
• FU15 Range double-wall corrugated cable ducts	page 57
• U-45 Range rigid cable ducts.....	page 58
• PORP - POQP Range thermoplastic wells	page 59
• POC - POR Range thermoplastic wells	page 61

Characteristics and advantages

Flexible and fast use

The twin-walled corrugated cable ducts in the FU 15 range offer the possibility of shortening installation time thanks to the sizes in rolls of 25 and 50 m, as they do not need frequent joints. Additionally, they can be laid in excavations that are not perfectly level and ensure a minimum radius of curvature equal to ten times their outside diameter.



Conformity to the standards: a byword for safety

All the cable ducts made by GEWISS are in conformity with the CEI 23-46 (EN 50086-2-4) standards and therefore with the IMQ approval mark. The new range of U 45 cable ducts in rigid PVC has also brilliantly passed the tests required by the product standards and has replaced the previous range of cable ducts designated U 15 and U 20.

Practical to use and light

Thanks to these two characteristics the pits made of thermoplastic material, in both square and rectangular versions, are a valid alternative to the typical concrete pits to make connections or simply to break a section, in electrical installations and for telecommunications.

APPLICATION SOLUTIONS



POQP Range

At the sides of roadways in public lighting installations or for simple earthing systems.



FU 15 Range

Fast and easy to lay to cover long sections in underground installations.



U 45 Range

The cup obtained at the ends of each bar makes it easy to insert the following ones, keeping the linearity of the installation constant, even in the case of deep excavations.

CABLE DUCT AND WELL SYSTEMS

Selection guide

FU Range and accessories			U-NORM Range and accessories			
CABLE DUCT Ø	FU15R	FUM	CABLE DUCT Ø	U45		UC
				3 MT	4 MT	
40	DX 35 000	DX 58 200	50	DX 38 500	DX 38 600	DX 58 000
50	DX 35 001	DX 58 201	63	DX 38 501	DX 38 601	DX 58 001
63	DX 35 002	DX 58 202	80	DX 38 502	DX 38 602	DX 58 002
75	DX 35 003	DX 58 203	100	DX 38 503	DX 38 603	DX 58 003
90	DX 35 004	DX 58 204	110	DX 38 504	DX 38 604	DX 58 004
110	DX 35 005	DX 58 205	125	DX 38 505	DX 38 605	DX 58 005
125	DX 35 006	DX 58 206	160	DX 38 506	DX 38 606	DX 58 006
140	DX 35 007	DX 58 207	200	DX 38 507	DX 38 607	DX 58 007
160	DX 35 008	DX 58 208				
200 •	DX 35 009	DX 58 209				

Thermoplastic wells					
PORP 360x260x320 Range and accessories					
PORP	COVERS		SEPARATOR PLATES		Kit
					
DX 59 500	DX 59 510	walkable grey closed	DX 59 240	transversal	DX 59 551 IP 66 seal kit
DX 59 501	DX 59 511	carriageable grey closed	DX 59 241	cross-sectional	DX 59 650 4 self-threading stainless screws
DX 59 502	DX 59 520	carriageable grey gridded	DX 59 242	diagonal	
	DX 59 220	light blue closed			
	DX 59 221	light blue gridded			
	DX 59 230	green closed			
	DX 59 231	green gridded			

PORQ 200x200x200 Range and accessories					
POQP	COVERS		SEPARATOR PLATES		Kit
					
DX 59 600	DX 59 610	walkable grey closed	DX 59 340	transversal	DX 59 651 IP 66 seal kit
DX 59 601	DX 59 611	carriageable grey closed	DX 59 342	diagonal	DX 59 650 4 self-threading stainless screws
DX 59 602	DX 59 620	grey gridded			
	DX 59 320	light blue closed			
	DX 59 221	light blue gridded			
	DX 59 330	green closed			
	DX 59 331	green gridded			

Thermo-hardened wells					
POC Range cylindrical wells and accessories			POR Range rectangular wells and accessories		
POC	COVERS	ACCESSORIES	POR	COVERS	ACCESSORIES
					
DX 59 900	DX 59 020 Ø 370	DX 59 040 Threaded cap	DX 59 100	DX 59 110 Cover 340x240	DX 59 120 Cap for DX 59101
DX 59 901	DX 59 030 Ø 370 night flight	DX 59 051 Straight pipe-fitting Ø 63	DX 59 101	DX 59 112 Cover 240x190	DX 59 150 Straight pipe-fitting Ø 50 for DX 59 104
DX 59 010		DX 59 052 Sloped pipe-fitting Ø 63	DX 59 102	DX 59 113 Cover 460x355	DX 59 163 Straight pipe-fitting Ø 63 for DX 59 104
DX 59 011		DX 59 053 Double pipe-fitting Ø 63	DX 59 103		DX 59 180 Straight pipe-fitting Ø 80 for DX 59 104
		DX 59 054 Straight pipe-fitting Ø 80	DX 59 104		
		DX 59 055 Straight pipe-fitting Ø 100	DX 59 105		
		DX 59 056 Straight pipe-fitting Ø 110			
		DX 59 057 Sloped pipe-fitting Ø 125			

FU Range double-wall corrugated cable duct

TECHNICAL CHARACTERISTICS - **FU 15** DOUBLE-WALL CORRUGATED CABLE DUCT WITH IMQ MARKING

- **STANDARDS:** CEI EN 50086-1 and CEI EN 50086-2-4
- **TRADE NAME:** FU 15
- **MARKING:** FU 15 N IMQ less than 3 m intervals
- **COLOUR:** Red - available in other colours on request
- **MATERIAL:** Non self-extinguishing high and low density polyethylene
- **LENGHT SUPPLIED:** 50-25 m coils according to diameter
- **APPLICATION:** For underground systems of electrical and telecommunications lines.
- **INSTALLATION TYPE:** Underground.



FU 15

Double-wall corrugated cable duct with cable-puller feeler

Code	Cable duct Ø	Pack/Carton metres
DX 35 000	40	50/400
DX 35 001	50	50/350
DX 35 002	63	50/300
DX 35 003	75	50/250
DX 35 004	90	50/250
DX 35 005	110	50/200
DX 35 006	125	25/100
DX 35 007	140	25/100
DX 35 008	160	25/100
DX 35 009	200 •	25

• on request

The pack refers to the minimum quantity for deliveries from the factory.

FU Range accessories



FU RANGE

The perfectly smooth inner wall permits an easy running of the cables. Its flexibility allows to easily follow the contours of the ground in the trench.

COUPLING

Thanks to a special internal fixing system, the coupling guarantees high resistance to fitted cable ducts tensile stress.



FUM

Junction coupling

Code	Cable duct Ø	Pack/Carton metres
DX 58 200	40	1/12
DX 58 201	50	1/12
DX 58 202	63	1/12
DX 58 203	75	1/12
DX 58 204	90	1/12
DX 58 205	110	1/12
DX 58 206	125	1/12
DX 58 207	140	1/12
DX 58 208	160	1/12
DX 58 209	200 •	1/ 6

• on request

INSTALLATION TYPE: Straight pipe-fitting for n.2 FU Range corrugated cable ducts .

MATERIAL: Polyethylene.

Selection guide: page 56

Technical sheets: page 235

CARTON

pack:
carton:

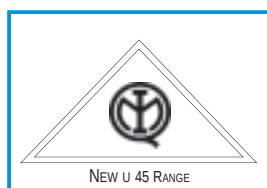
50 and 25 m coils with cable-puller feelers
coils rows

CABLE DUCT AND WELL SYSTEMS

U-NORM Range rigid cable duct

TECHNICAL CHARACTERISTICS - **U-NORM** ISOLATING RIGID CABLE DUCT WITH IMQ MARKING

- **STANDARDS:** CEI EN 50086-1 and CEI EN 50086-2-4 (CEI 23-46)
- **TRADE NAME:** U 45
- **MARKING:** U 45 IMQ less than 3 m intervals
- **COLOUR:** Black with yellow band to identify the presence of electrical cables
- **MATERIAL:** Self-extinguishing polyvinyl chloride (PVC) based thermoplastic
- **LENGTH SUPPLIED:** 3 - 4 m bars $\pm$ 0,5%
- **APPLICATION:** For underground systems of electrical grids and telecommunication. The cup on one side of the bar assures junctions with an high protection degree, also thanks to the use of mastic.
- **INSTALLATION TYPE:** Underground.



CEI 23-46
STANDARD CERTIFIED



U 45

Rigid cable duct - 3 metres

	Code	Cable ducts Ø	Pack/Carton metres
NEW	DX 38 500	50	3/1287
NEW	DX 38 501	63	3/ 792
NEW	DX 38 502	80	3/ 468
NEW	DX 38 503	100	3/ 315
NEW	DX 38 504	110	3/ 255
NEW	DX 38 505	125	3/ 192
NEW	DX 38 506	160	3/ 117
NEW	DX 38 507	200	3/ 75

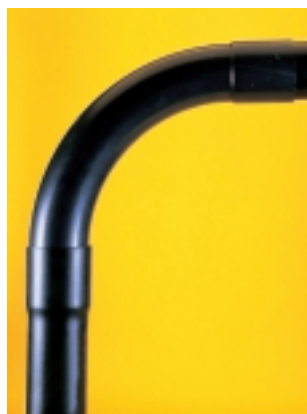
U 45

Rigid cable duct - 4 metres

	Code	Cable ducts Ø	Pack/Carton metres
NEW	DX 38 600	50	4/1716
NEW	DX 38 601	63	4/1056
NEW	DX 38 602	80	4/ 624
NEW	DX 38 603	100	4/ 420
NEW	DX 38 604	110	4/ 340
NEW	DX 38 605	125	4/ 256
NEW	DX 38 606	160	4/ 156
NEW	DX 38 607	200	4/ 100

The pack refers to the minimum quantity for deliveries from the factory.

U-NORM Range accessories



UC

Self-extinguishing 90° bend

	Code	Cable ducts Ø	Pack/Carton metres
	DX 58 000	50	1/10
	DX 58 001	63	1/10
	DX 58 002	80	1/10
	DX 58 003	100	1
	DX 58 004	110	1
	DX 58 005	125	1
	DX 58 006	160	1
	DX 58 007	200	1

INSTALLATION TYPE: 90° pipe-fitting of n.2 U-NORM Range rigid cable ducts with the same diameter. With cup at one end.

MATERIAL: Self-extinguishing thermoplastic.

CARTON pack: single 3 - 4 m bars
carton: wooden frame to be thrown away

Selection guide: page 56

Technical sheets: page 236

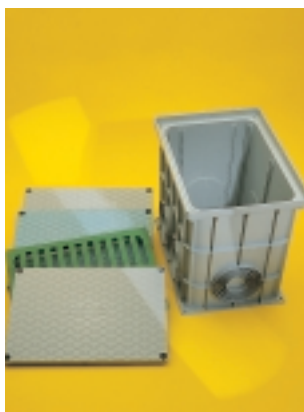
Thermoplastic wells and accessories

TECHNICAL CHARACTERISTICS - **PORP** RECTANGULAR WELL

- **TRADE NAME:** PORP
- **MARKING:** DX
- **COLOUR:** Grey
- **MATERIAL:** Thermoplastic
- **APPLICATION:** Especially suitable for derivation systems containing in electrical system and for underground telecommunication.
- **INSTALLATION TYPE:** Underground.



An **extremely light and easy to handle** product, it as pre-cutted holes on the base and walls which can be **easily pierced** using an appropriate tool.



PORP

360x260x320 Rectangular well

Code	Description	Pack/Carton Qty.
DX 59 500	With flat semy-pierced base, complete with walkable cover and stainless steel screws without seal	1/36
DX 59 501	With flat semy-pierced base, complete with carriageable cover and stainless steel screws without seal	1/36
DX 59 502	With flat semy-pierced base for boosting without cover, and stainless steel screws without seal	1/36



The different colours of the cover facilitate their use in areas such as tennis-courts, swimming pools, gardens and public areas, etc.



PORP

Covers and accessories

Code	Description	Pack/Carton Qty.
DX 59 510	Grey walkable closed cover	1/ 6
DX 59 511	Grey carriageable closed cover	1/ 6
DX 59 520	Grey gridded cover	1/ 6
DX 59 220	Light blue closed cover •	1/ 6
DX 59 221	Light blue gridded cover •	1/ 6
DX 59 230	Green closed cover •	1/ 6
DX 59 231	Green gridded cover •	1/ 6
DX 59 240	Transversal separator plate	1/ 6
DX 59 241	Cross-sectional separator plate	1/ 6
DX 59 242	Diagonal separator plate	1/ 6
DX 59 551	Rectangular seal kit	1/10
DX 59 650	4 self-threading stainless steel screws kit	1/50

• other colours on request

Selection guide: page 56

Technical sheets: page 240

CARTON pack: coils individually wrapped in thermo-shrink film
carton: wooden pallets (to be returned to manufacturer) wrapped in stretch film
The pack refers to the minimum quantity for deliveries from the factory.

CABLE DUCT AND WELL SYSTEMS

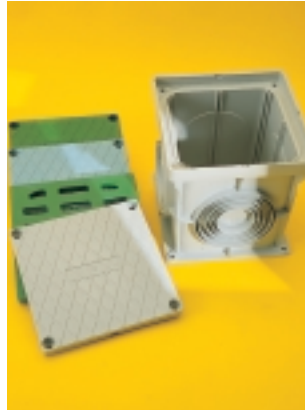
Thermo-plastic wells and accessories

TECHNICAL CHARACTERISTICS - **POQP** SQUARE WELL

- **TRADE NAME:** POQP
- **MARKING:** DX
- **COLOUR:** Grey
- **MATERIAL:** Thermoplastic
- **APPLICATION:** Especially suitable for derivation systems containing in electrical system and for underground telecommunication.
- **INSTALLATION TYPE:** Underground.



The pre-cut holes on the base can be used for the connection of the pile shoe earthing.

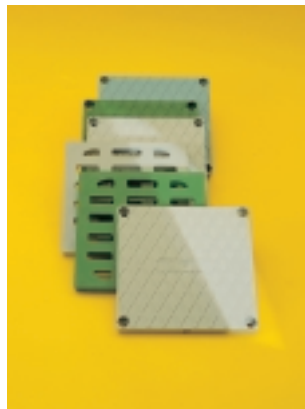


POQP 200x200x200 Square well

Code	Description	Pack/Carton Qty.
DX 59 600	With flat semy-pierced base, complete with walkable cover and stainless steel screws without seal	1/72
DX 59 601	With flat semy-pierced base, complete with carriageable cover and stainless steel screws without seal	1/72
DX 59 602	With flat semy-pierced base for boosting without cover, and stainless steel screws without seal	1/72



Special plates guarantee separation of the circuits thanks to line and internal divisions.



POQP Covers and accessories

Code	Description	Pack/Carton Qty.
DX 59 610	Grey walkable closed cover	1/ 6
DX 59 611	Grey carriageable closed cover	1/ 6
DX 59 620	Grey gridded cover	1/ 6
DX 59 320	Light blue closed cover •	1/ 6
DX 59 321	Light blue gridded cover •	1/ 6
DX 59 330	Green closed cover •	1/ 6
DX 59 331	Green gridded cover •	1/ 6
DX 59 340	Transversal separator plate	1/ 6
DX 59 342	Diagonal separator plate	1/ 6
DX 59 651	Rectangular seal kit	1/10
DX 59 650	4 self-threading stainless steel screws kit	1/50

• other colours on request

Selection guide: page 56

Technical sheets: page 240

CARTON pack: coils individually wrapped in thermo-shrink film
carton: wooden pallets (to be returned to manufacturer) wrapped in stretch film
The pack refers to the minimum quantity for deliveries from the factory.

Thermo-hardened wells and accessories

TECHNICAL CHARACTERISTICS - **POC** CYLINDRICAL WELL - **POR** RECTANGULAR WELL

- **TRADE NAME:** POC POR
- **MARKING:** DX DX
- **COLOUR:** Dark grey Dark grey
- **MATERIAL:** Laminated polyester resin reinforced with glass fibres
- **APPLICATION:** Suitable for electrical systems, transport and derivation of energy containing, for example in public lighting systems; POC Range presents threaded inlets for junction accessories and POR Range pre-cutted inlets to connect to wells grids.
- **INSTALLATION TYPE:** Underground.



POC
Cylindrical well

Code	Description	Pack/Carton Qty.
DX 59 000	Ø 370x275 Well + cover	1/12
DX 59 001	Ø 370x535 Well + cover	1/ 6
DX 59 010 •	Ø 370x275 Night flight well	1/12
DX 59 011 •	Ø 370x535 Night flight well	1/ 6

• on request



POC
Coperchi e componenti

Code	Description	Pack/Carton Qty.
DX 59 020	Ø 370 Cover	1/ 6
DX 59 030 •	Ø 370 Night flight cover	1/ 6
DX 59 040	Ø 125x3.5 Threaded cap	1/30
DX 59 051	Ø 63 Straight pipe-fitting	1/10
DX 59 052	Ø 63 Sloped pipe-fitting	1/10
DX 59 053	Ø 63 Double pipe-fitting	1/10
DX 59 054	Ø 80 Straight pipe-fitting	1/10
DX 59 055	Ø 100 Straight pipe-fitting	1/10
DX 59 056	Ø 110 Straight pipe-fitting	1/10
DX 59 057	Ø 125 Straight pipe-fitting	1/10

• on request



POR
Rectangular well

Code	Description	Pack/Carton Qty.
DX 59 100	340x240x300 Well + cover	1/ 18
DX 59 101 *	340x240x300 Well + cover	1/ 18
DX 59 102 *	240x190x120 Well + cover	1/100
DX 59 103	460x355x340 Well + cover	1/ 10
DX 59 104 •	340x240x240 Special well + cover	1/ 18
DX 59 105	340x240x240 Well without base with for boosting + cover	1/ 18

• with threaded holes - * with base pipe unions

POR
Covers and accessories

Code	Description	Pack/Carton Qty.
DX 59 110	340x240 Cover	1/ 6
DX 59 112	240x190 Cover	1/ 6
DX 59 113	460x355 Cover	1/ 6
DX 59 120	Ø 95x3 Cap for DX 59 104	1/30
DX 59 150	Ø 50 Straight pipe-fitting for DX 59 104 well	1/10
DX 59 163	Ø 63 Straight pipe-fitting DX 59 104 well	1/10
DX 59 180	Ø 80 Straight pipe-fitting DX 59 104 well	1/10

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