

COURBI External Electrical Installation



Flexible Conduits

Courflex®



CODE	TYPE	DIMENSIONS		COLOR	U.M.	LENGTH	PACKAGING
		EXT Ø mm	INT Ø mm				
16-21012-012	12	16	12	GRAY	M	30	30
16-21013-014	14	16,3	13,9	GRAY	M	30	30
16-21014-016	16	20	16,2	GRAY	M	30	30
16-21015-018	18	21,2	18,1	GRAY	M	30	30
16-21016-020	20	22,5	20,2	GRAY	M	30	30
16-21017-022	22	25,3	22	GRAY	M	30	30
16-21018-025	25	28,1	25,2	GRAY	M	30	30
16-21019-030	30	36	30	GRAY	M	30	30
16-21070-032	32	37	32	GRAY	M	30	30
16-21021-038	38	44,5	38,2	GRAY	M	30	30
16-21071-040	40	47	40	GRAY	M	30	30
16-21022-050	50	55,5	50	GRAY	M	30	30
16-21023-062	62	69	62,3	GRAY	M	30	30

GENERAL DESCRIPTION

- Flexible spiral
- Made of polyvinyl chloride – (P-PVC), reinforced with a spiral made of polyvinyl chloride – (U-PVC).
- Suitable for light mechanical loads
- Self extinguishing; flame retardant. UV protection.

APPLICATIONS

- Residential and industrial installations.
- Infloor, wall mounted installations – Equipment manufacturing.
- Air Conditioning drainage.

PROPERTIES

Resistance to compression - (compression force) at 22 ±2 °C	> 320 N / 5cm
Resistance to Impact - (Weight mass / Fall Height) at -15 °C	m:1kg / h:100mm
Minimum temperature limit	- 20° C
Maximum temperature limit	+60° C
Dielectric strength	2 kv / 15 min
Insulation resistance	> 100 MΩ

CLASSIFICATION

2
3
4
1

APPLICATION STANDARDS: EN 61386-1/2004, EN 61386-23/2004



Joint Courflex®



CODE	TYPE	DIMENSIONS		COLOR	U.M.	PACKAGING (Bag)	PACKAGING (Box)
		EXT Ø mm	INT Ø mm				
33-20008-012	12	D23	12	GRAY	PCS	10	1200
33-20009-016	16	D23	16	GRAY	PCS	10	800
33-20010-020	20	D29	20	GRAY	PCS	10	600
33-20011-020	25	D37	25	GRAY	PCS	10	300
33-20012-032	32	D37	32	GRAY	PCS	10	200

GENERAL DESCRIPTION

- Connection of watertight boxes with flexible Conduits Courflex®.
- Water tightness lever: IP 65.
- With fixing nut - Metric thread.

DOMO Spiral Medium Type 750N



CODE	TYPE	DIMENSIONS		COLOR	U.M.	LENGTH	PACKAGING
		EXT Ø mm	INT Ø mm				
31-21001-016	16	16	11	GRAY	M	50	50
31-21002-020	20	20	15	GRAY	M	50	50
31-21003-025	25	25	19	GRAY	M	50	50
31-21004-032	32	32	25	GRAY	M	50	50
31-21005-040	40	40	31,5	GRAY	M	25	25
31-21006-050	50	50	40	GRAY	M	25	25

GENERAL DESCRIPTION

- Corrugated (spiral), pliable. Suitable for medium mechanical loads.
- Made of polyvinyl chloride – (U-PVC).
- Self extinguishing; flame retardant. UV protection.

APPLICATIONS

- Outdoor residential and industrial installations.
- Encased in concrete. Infloor installations. Wall mounted installations (supports – collars).

PROPERTIES

Resistance to compression - (compression force) at 22 ±2 °C	> 750 N / 5cm
Resistance to Impact - (Weight mass / Fall Height) at -15 °C	m:2kg / h:100mm
Minimum temperature limit	-15° C
Maximum temperature limit	+60° C
Dielectric strength	2 kv / 15 min
Insulation resistance	> 100 MΩ

CLASSIFICATION

3
3
3
1

APPLICATION STANDARDS: EN 61386-1/2004, EN 61386-22/2004



Watertight Boxes

Junction Boxes With Cable Gland – Press On Lid



CODE	TYPE	DIMENSIONS mm	COLOR	U.M.	PACKAGING (Box)
32-21001-653	65x35	Ø 65x35	GRAY	PCS	60
32-21020-653	65x35	Ø 65x35	WHITE	PCS	60
32-21002-804	80x40	Ø 80x40	GRAY	PCS	60
32-21021-804	80x40	Ø 80x40	WHITE	PCS	60
32-21003-656	65x65	65x65x35	GRAY	PCS	60
32-21004-808	80x80	80x80x40	GRAY	PCS	60
32-21022-808	80x80 WHITE	80x80x40	WHITE	PCS	60

GENERAL DESCRIPTION

- Non-corrosive. Resistant to impact and pressure.
- Made of durable polymer material.
- Flame retardant. Self extinguishing. UV protection.

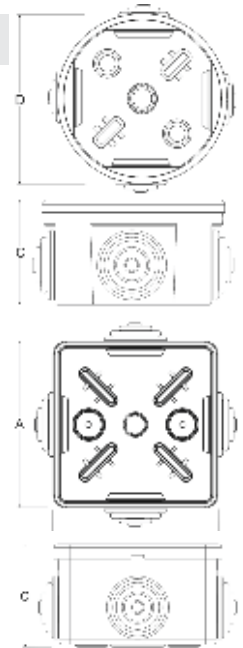
APPLICATIONS

- Outdoor and indoor residential and industrial installations.
- Motion installations – Equipment power supply – Lighting.
- Special design of side caps for easy cutting and installation of conduits - cables.
- Fits with: Racor, Spiral COMBO - DOMO - FORTE, Rigid COMBO - DOMO - FORTE, SIBi®, Courflex®.

PROPERTIES

Protection rating against solid bodies and water:	IP 54
Glow wire test:	850°C
Minimum temperature limit:	- 15°C
Maximum temperature limit:	+60°C

APPLICATION STANDARDS: IEC 60670 – 1/2002



Junction Boxes With Cable Gland – PVC Fast Screw On Lid



CODE	TYPE	DIMENSIONS mm	COLOR	U.M.	PACKAGING (Box)
32-21009-100	100x100	100x100x50	GRAY	PCS	60
32-21023-100	100x100 WHITE	100x100x50	WHITE	PCS	60
32-21006-120	120x80	120x80x50	GRAY	PCS	50
32-21007-150	150x110	150x110x70	GRAY	PCS	24
32-21008-190	190x140	190x140x70	GRAY	PCS	24

GENERAL DESCRIPTION

- Non-corrosive. Resistant to impact and pressure.
- Made of durable polymer material.
- Flame retardant. Self extinguishing. UV protection.

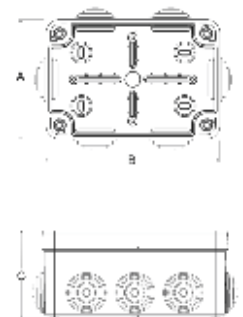
APPLICATIONS

- Outdoor and indoor residential and industrial installations.
- Motion installations – Equipment power supply – Lighting.
- Special design of side caps for easy cutting and installation of conduits - cables.
- Fits with: Racor, Spiral COMBO - DOMO - FORTE, Rigid COMBO - DOMO - FORTE, SIBi®, Courflex®.

PROPERTIES

Protection rating against solid bodies and water:	IP 55
Glow wire test:	850°C
Minimum temperature limit:	- 15°C
Maximum temperature limit:	+60°C

APPLICATION STANDARDS: IEC 60670 – 1/2002



Junction Boxes With Knock Outs – Press On Lid



CODE	TYPE	DIMENSIONS mm	COLOR	U.M.	PACKAGING (Box)
32-21040-808	80x80	80X80X40	GRAY	PCS	60

GENERAL DESCRIPTION

- Non-corrosive. Resistant to impact and pressure.
- Made of durable polymer material.
- Flame retardant. Self extinguishing. UV protection.

APPLICATIONS

- Outdoor and indoor residential and industrial installations.
- Motion installations – Equipment power supply – Lighting.
- Special design of side caps for easy cutting and installation of conduits - cables.

PROPERTIES

Protection rating against solid bodies and water:	IP 54
Glow wire test:	850°C
Minimum temperature limit:	- 15°C
Maximum temperature limit:	+60°C

APPLICATION STANDARDS: IEC 60670 – 1/2002

Watertight Boxes
Junction Boxes With Knock Outs – PVC Fast Screw On Lid


CODE	TYPE	DIMENSIONS mm	COLOR	U.M.	PACKAGING (Box)
32-21041-100	100x100	100x100x50	GRAY	PCS	60
32-21042-120	120x80	120x80x50	GRAY	PCS	50
32-21043-150	150x110	150x110x70	GRAY	PCS	24
32-21044-190	190x145	190x145x70	GRAY	PCS	24

GENERAL DESCRIPTION

- Non-corrosive. Resistant to impact and pressure.
- Made of durable polymer material.
- Flame retardant. Self extinguishing. UV protection.

APPLICATIONS

- Outdoor and indoor residential and industrial installations.
- Motion installations – Equipment power supply – Lighting.
- Special design of side caps for easy cutting and installation of conduits - cables.
- Fits with: Racor, Spiral COMBO - DOMO - FORTE, Rigid COMBO - DOMO - FORTE, SiBi®, Courflex®.

PROPERTIES

Protection rating against solid bodies and water:	IP 55
Glow wire test:	850°C
Minimum temperature limit:	- 15°C
Maximum temperature limit:	+60°C

APPLICATION STANDARDS: IEC 60670 – 1/2002
Junction Boxes With Smooth Sides – PVC Fast Screw On Lid


CODE	TYPE	DIMENSIONS mm	COLOR	U.M.	PACKAGING (Box)
32-21030-190	190x145	190x145x70	GRAY	PCS	24
32-21031-245	245x190	245x190x90	GRAY	PCS	16
32-21032-300	300x215	300x215x125	GRAY	PCS	6
32-21033-380	380x300	380x300x125	GRAY	PCS	4

GENERAL DESCRIPTION

- Non-corrosive. Resistant to impact and pressure.
- Made of durable polymer material.
- Flame retardant. Self extinguishing. UV protection.

APPLICATIONS

- Outdoor and indoor residential and industrial installations.
- Motion installations – Equipment power supply – Lighting.
- Special design of side caps for easy cutting and installation of conduits - cables.
- Fits with: Racor, Spiral COMBO - DOMO - FORTE, Rigid COMBO - DOMO - FORTE, SiBi®, Courflex®.

PROPERTIES

Protection rating against solid bodies and water:	IP 65
Glow wire test:	850°C
Minimum temperature limit:	- 15°C
Maximum temperature limit:	+60°C

APPLICATION STANDARDS: IEC 60670 – 1/2002
