





Resealable corrugated conduits

Co-flex PP-UV is a resealable, slit corrugated conduit made of PP-MOD-BS-UV. It is non-flame propagating and available in black.

Co-flex PP-UV allows the retrofit protection of cables. The high UV stability and durability of 20 years outdoors makes the conduits particularly suitable for photovoltaic systems and satellite systems.

In addition, Co-flex PP-UV provides protection against damage from marten and rodent bites.

Resealable corrugated conduits

Co-flex PP



- Resealable, slit corrugated conduit
- Retrofit protection of cables and wires
- Protection against damage from marten and rodent bites
- Material: PP
- Very light compressive and medium impact strength
- Temperature range from -40°C to +135 °C
- For accessories, see pages 125-126



EN IEC 61386-23

Cat. no.	Type	Outside Ø* [mm]	Inside Ø [mm]	Coil content [m]	Coil weight [kg]	Bend radius* ≥ [mm]	Colour
37000600	6	10.0	6.3	50	1.1	40	black
37001000	10	13.4	8.4	50	1.8	70	
37001100	11	16.1	11.0	50	2.0	80	
37001400	14	18.5	12.5	50	3.1	95	
37001600	16	21.5	16.0	50	3.0	100	
37002000	20	25.3	19.2	50	4.1	130	
37002300	23	30.8	23.4	50	5.9	150	
37002900	29	35.5	27.3	25	3.6	160	
37003700	37	41.4	31.0	25	4.8	205	
37004500	45	54.0	42.7	25	5.6	190	
37007000	70	79.8	67.5	10	3.6	375	
37010000	100	102.5	87.5	10	5.3	500	
37001002	10	13.4	8.4	10	0.4	70	black
37001402	14	18.5	12.5	10	0.6	95	
37002002	20	25.3	19.2	10	0.8	130	
37002302	23	30.8	23.4	10	1.2	155	
37003702	37	41.4	31.0	10	1.9	205	
37004502	45	54.0	42.7	10	2.2	190	
37001003	10	13.4	8.4	5	0.2	70	black
37001403	14	18.5	12.5	5	0.3	95	
37002003	20	25.3	19.2	5	0.4	130	
37002303	23	30.8	23.4	5	0.6	155	
37003703	37	41.4	31.0	5	1.0	205	
37004503	45	54.0	42.7	5	1.1	190	

Min. bend radius (neutral fibre) with a flattening of the conduit outside diameter of ≤ 5 %.

Co-flex PP



- Resealable, slit corrugated conduit
- Retrofit protection of cables and wires
- Protection against damage from marten and rodent bites
- Material: PP
- Very light compressive and medium impact strength
- Temperature range from -40 °C to +105 °C
- For accessories, see pages 125-126

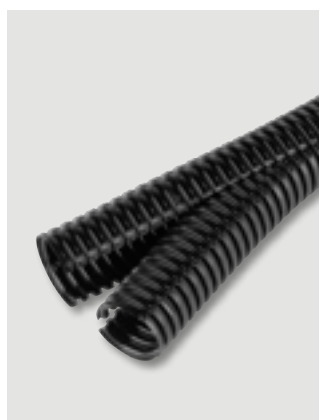


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Cat. no.	Type	Outside Ø* [mm]	Inside Ø [mm]	Coil content [m]	Coil weight [kg]	Bend radius* ≥ [mm]	Colour
38402010	20	25.3	19.2	50	4.1	130	white

Min. bend radius (neutral fibre) with a flattening of the conduit outside diameter of ≤ 5 %.

Co-flex PA



- Resealable, slit corrugated conduit
- Retrofit protection of cables and wires
- Protection against damage from marten and rodent bites
- Material: PA6
- Very light compressive and light impact strength
- Temperature range from -40°C to +120 °C
- For accessories, see pages 125-126



EN IEC 61386-23

Cat. no.	Type	Outside Ø* [mm]	Inside Ø [mm]	Coil content [m]	Coil weight [kg]	Bend radius* ≥ [mm]	Colour
41000600	6	10.0	6.3	50	1.2	45	black
41001000	10	13.5	8.8	50	1.8	55	
41001100	11	16.1	11.0	50	2.4	75	
41001400	14	18.7	13.2	50	3.0	75	
41001600	16	21.5	16.0	50	3.7	85	
41002000	20	25.7	20.2	50	4.7	105	
41002300	23	31.3	23.9	50	5.9	125	
41002900	29	35.5	27.3	25	4.4	180	
41003700	37	43.2	32.5	25	4.8	170	
41004500	45	54.2	43.1	25	6.6	170	
41007000	70	79.8	67.0	10	4.4	300	
41010000	100	102.5	87.5	10	7.0	400	

Min. bend radius (neutral fibre) with a flattening of the conduit outside diameter of ≤ 5 %.

Co-flex PP-UV




UV


Under-ground


Void


Screed


Concrete


Exposed


Concealed


Asphalt


H0


Low-smoke


Flame-retardant

- Resealable, slit corrugated conduit
 - Retrofit protection of cables and wires
 - Protection against damage from marten and rodent bites
 - UV-resistant for up to 20 years
- Material: mod. PP
 - Very light compressive and medium impact strength
 - Temperature range from -40°C to +105 °C
 - For accessories, see pages 125-126



EN IEC 61386-23

Cat. no.	Type	Outside Ø* [mm]	Inside Ø [mm]	Coil content [m]	Coil weight [kg]	Bend radius* ≥ [mm]	Colour
38400600	6	10.0	6.3	50	1.1	40	black
38401000	10	13.4	8.4	50	1.8	70	
38401100	11	16.1	11.0	50	1.6	80	
38401400	14	18.5	12.5	50	3.1	95	
38401600	16	21.5	16.0	50	3.0	100	
38402000	20	25.3	19.2	50	4.1	130	
38402300	23	30.8	23.4	50	5.9	155	
38402900	29	35.5	27.3	25	3.0	160	
38403700	37	41.4	31.0	25	4.8	205	
38404500	45	54.0	42.7	25	5.6	190	
38407000	70	79.8	67.5	10	3.6	375	
38410000	100	102.5	87.5	10	5.3	500	
38401002	10	13.4	8.4	10	0.4	70	black
38401402	14	18.5	12.5	10	0.6	95	
38402002	20	25.3	19.2	10	0.8	130	
38402302	23	30.8	23.4	10	1.2	155	
38403702	37	41.4	31.0	10	1.9	205	
38404502	45	54.0	42.7	10	2.2	190	

Min. bend radius (neutral fibre) with a flattening of the conduit outside diameter of ≤ 5 %.

Resealable corrugated conduit accessories

Insertion tool with handle



- To easily insert cables and wires
- For slit Co-flex corrugated conduits
- Suitable for cables/wires up to 10 mm
- Material: PA6

Cat. no.	For conduits Ø [mm]	Length [mm]	Width [mm]	Height [mm]	Packing unit [pcs.]	Packing unit weight [kg]	Colour
49090003	7.5-34	90.0	30.0	60.0	100	1.1	black

COS – fixing clamp



- Fixing clamp with integrated ledge
- With fixing loops for cable ties
- Material: PA66
- For slit Co-flex corrugated conduits

Cat. no.	Type	Length [mm]	Width [mm]	Height [mm]	Bore hole Ø [mm]	Packing unit [pcs.]	Packing unit weight [kg]	Colour
49120006	6	18.0	15.0	17.5	M3	100	0.3	black
49120100	10	21.0	18.5	21.0	M3	100	0.4	
49120102	10*	23.0	18.5	21.0	M5	100	0.4	
49120110	11	23.0	21.0	22.5	M3	100	0.4	
49120140	14	26.0	24.0	25.5	M3	100	0.5	
49120142	14*	28.0	24.0	25.5	M5	100	0.5	
49120160	16	33.0	30.0	33.0	M5	100	0.8	
49120162	16*	35.0	30.0	33.0	M6	100	0.9	
49120200	20	35.0	35.0	36.0	M5	50	0.5	
49120202	20*	35.0	35.0	36.0	M6	50	0.5	
49120230	23	44.0	42.0	43.5	M5	50	0.6	
49120232	23*	44.0	42.0	43.5	M6	50	0.6	
49120290	29	49.0	48.0	48.5	M5	50	0.8	
49120292	29*	51.0	48.0	48.5	M6	50	0.8	
49120370	37	57.0	55.0	56.5	M6	20	0.4	
49120450	45	68.0	67.0	68.0	M6	20	0.6	
49120700	70	101.0	100.0	101.0	M6	10	0.6	

* = Please observe bore hole size

COV



- Two-piece threaded connector and locknut
- Material: PA6
- Also suited for retrofit installation
- For slit Co-flex corrugated conduits

Cat. no.	Type	Thread Pg.	Length [mm]	Width [mm]	Height [mm]	Packing unit [pcs.]	Packing unit weight [kg]	Colour
49110100	10	9	50	30	23	100	0.7	black
49110140	14	13.5	68	40	30	100	1.2	
49110200	20	21	83	47	36	50	0.8	
49110230	23	29	115	60	45	50	1.5	
49110370	37	29	130	50	47	25	0.8	

Cofix threaded connector



- Two-piece threaded connector
- Material: PA6
- Also suited for retrofit installation
- For slit Co-flex corrugated conduits

Cat. no.	Type	Thread M. x 1.5	Length [mm]	Width [mm]	Height [mm]	Packing unit [pcs.]	Packing unit weight [kg]	Colour
49110102	10	16	45.0	34.0	10.0	100	0.5	black
49110142	14	20	62.0	41.0	14.0	100	0.9	
49110202	20	25	74.0	43.0	28.0	50	0.6	
49110232	23	32	92.0	51.0	33.0	50	1.0	
49110372	37	40	109.8	59.0	45.0	25	1.2	
49110452	45	50	143.0	68.0	60.0	25	1.4	

Cofix locknut



- Two-piece locknut
- Material: PA6
- Also suited for retrofit installation
- For Co-flex threaded connector

Cat. no.	Type	Thread M. x 1.5	Length [mm]	Width [mm]	Height [mm]	Packing unit [pcs.]	Packing unit weight [kg]	Colour
49112101	10	16	45.0	14.0	8.0	100	0.1	black
49112141	14	20	61.0	26.0	8.0	100	0.2	
49112201	20	25	74.0	23.0	9.0	50	0.2	
49112231	23	32	92.0	29.0	12.0	50	0.3	
49112371	37	40	111.0	35.0	15.0	25	0.3	
49112451	45	50	144.0	46.0	15.0	25	0.5	

Pictogram explanation

	Outdoor installation		Underground installation		Installation in cavities
	Underfloor installation (in screed)		Installation in concrete		Concealed installation
	Exposed installation		Installation in hot asphalt		Halogen-free No formation of corrosive gases in case of fire.
	Low smoke Thanks to very little development of smoke gas in case of fire, escape routes can be found more quickly.		Non-flame propagating		

	VDE	Verband der Elektrotechnik, Elektronik und Informationstechnik		–	Gas-tightness and water pressure-tightness
	CE	European conformity (Conformité Européenne)		–	Radon-tightness
	TAB	Technische Anschlussbedingungen (technical connection requirements)		–	Lifestyle Innovation Award
	DBI	DBI approval mark by DBI Gastechnologisches Institut gGmbH Freiberg		EPD	Environmental Product Declarations