

EXTRO Flex PRO



The EXTRO Flex PRO corrugated protection tube range relies structurally on the outstanding geometry of the EXTRO Flex tubes and provides a large variety of material blends that address the most demanding applications in the public building construction sector.

The EXTRO Flex PRO uses polypropilene (PP) as base raw material and offers performant solutions for the most demanding use cases in public construction network protection, offering not only a wide range of colours, but also two classes of fire resistance and the possibility to add UV resistance as well. All of these are added on top to the already appreciated characteristics of the EXTRO products: halogen free (HF) and low smoke materials and the best resistance to low temperatures. That means, our motto: „EXTRO Tubes don't crack“ is more true than ever. The standard EXTRO Flex PRO range comes in: Light grey, Black or White colour. On demand we produce in Red, Blue, Green and Yellow. According to the UL94, the standard tubes are V2, but the V0 class can be requested as well.



Main properties:



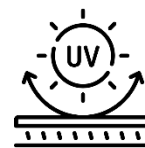
Halogen Free



Self extinguishing,
low smoke



Good flexibility and impact resistance
at low temperatures



UV resistance
(black tubes only)

Compression resistance classes:

320N: EXTRO® FLEX PRO

Standard compression resistance for walls and ceiling installations. Best for good flexibility during handling and installation. Not suitable for floor installations!

750N: EXTRO® FLEX PRO Dur

Protection tubes with increased compression resistance for floor installations in light concrete screed, with fair resistance to light pedestrian traffic in construction works.

1250N: EXTRO® FLEX PRO Xdur

With enhanced resistance to compression and impact, the xdur protection tubes can be used for underground and in concrete installations and are especially recommended for applications, where a later repair could be very expensive.

EXTRO® FLEX PRO (320N)

Type	Article Nr.							Option	Exterior Diameter (mm)	Interior Diameter (mm)	Coil size (m)	Pallet size (m)
	Grey	Black	White	Red	Blue	Green	Yellow					
9	11211109	11211209	11211009	11211309	11211409	11211509	11211609	Without Wire	09 +0/-0,5	7,1 ± 0,3	100	18000
11	11211111	11211211	11211011	11211311	11211411	11211511	11211611	Without Wire	11 +0/-0,5	8,2 ± 0,3	50	9000
	11212111	11212211	11212011	11212311	11212411	11212511	11212611	With Wire				
13	11211113	11211213	11211013	11211313	11211413	11211513	11211613	Without Wire	13 +0/-0,5	9,6 ± 0,3	50	6000
	11212113	11212213	11212013	11212313	11212413	11212513	11212613	With Wire				
16	11211116	11211216	11211016	11211316	11211416	11211516	11211616	Without Wire	16 +0/-0,5	11,2 ± 0,3	50	5500
	11212116	11212216	11212016	11212316	11212416	11212516	11212616	With Wire				
20	11211120	11211220	11211020	11211320	11211420	11211520	11211620	Without Wire	20 +0/-0,5	14,2 ± 0,3	50	3750
	11212120	11212220	11212020	11212320	11212420	11212520	11212620	With Wire				
25	11211125	11211225	11211025	11211325	11211425	11211525	11211625	Without Wire	25 +0/-0,5	18,8 ± 0,4	50	2600
	11212125	11212225	11212025	11212325	11212425	11212525	11212625	With Wire				
32	11211132	11211232	11211032	11211332	11211432	11211532	11211632	Without Wire	32 +0/-0,5	25 ± 0,4	50	1600
	11212132	11212232	11212032	11212332	11212432	11212532	11212632	With Wire				
40	11211140	11211240	11211040	11211340	11211440	11211540	11211640	Without Wire	40 +0,5/-0,5	31,5 ± 0,3	50	1600
	11212140	11212240	11212040	11212340	11212440	11212540	11212640	With Wire				
50	11211150	11211250	11211050	11211350	11211450	11211550	11211650	Without Wire	50 +0,5/-0,5	39,7 ± 0,3	25	800
	11212150	11212250	11212050	11212350	11212450	11212550	11212650	With Wire				

EXTRO® FLEX PRO dur (750N)

Type	Article Nr.							Option	Exterior Diameter (mm)	Interior Diameter (mm)	Coil size (m)	Pallet size (m)
	Grey	Black	White	Red	Blue	Green	Yellow					
9	12211109	12211209	12211009	12211309	12211409	12211509	12211609	Without Wire	09 +0/-0,5	7,1 ± 0,3	100	18000
11	12211111	12211211	12211011	12211311	12211411	12211511	12211611	Without Wire	11 +0/-0,5	7,9 ± 0,3	50	9000
	12212111	12212211	12212011	12212311	12212411	12212511	12212611	With Wire				
13	12211113	12211213	12211013	12211313	12211413	12211513	12211613	Without Wire	13 +0/-0,5	9,3 ± 0,3	50	6000
	12212113	12212213	12212013	12212313	12212413	12212513	12212613	With Wire				
16	12211116	12211216	12211016	12211316	12211416	12211516	12211616	Without Wire	16 +0/-0,5	10,9 ± 0,3	50	5500
	12212116	12212216	12212016	12212316	12212416	12212516	12212616	With Wire				
20	12211120	12211220	12211020	12211320	12211420	12211520	12211620	Without Wire	20 +0/-0,5	13,9 ± 0,3	50	3750
	12212120	12212220	12212020	12212320	12212420	12212520	12212620	With Wire				
25	12211125	12211225	12211025	12211325	12211425	12211525	12211625	Without Wire	25 +0/-0,5	18,4 ± 0,4	50	2600
	12212125	12212225	12212025	12212325	12212425	12212525	12212625	With Wire				
32	12211132	12211232	12211032	12211332	12211432	12211532	12211632	Without Wire	32 +0/-0,5	24,6 ± 0,4	50	1600
	12212132	12212232	12212032	12212332	12212432	12212532	12212632	With Wire				
40	12211140	12211240	12211040	12211340	12211440	12211540	12211640	Without Wire	40 +0,5/-0,5	31,5 ± 0,3	50	1600
	12212140	12212240	12212040	12212340	12212440	12212540	12212640	With Wire				
50	12211150	12211250	12211050	12211350	12211450	12211550	12211650	Without Wire	50 +0,5/-0,5	39,3 ± 0,3	25	800
	12212150	12212250	12212050	12212350	12212450	12212550	12212650	With Wire				

EXTRO® FLEX PRO Xdur (1250N)

Type	Article Nr.							Option	Exterior Diameter (mm)	Interior Diameter (mm)	Coil size (m)	Pallet size (m)
	Grey	Black	White	Red	Blue	Green	Yellow					
16	13211116	13211216	13211016	13211316	13211416	13211516	13211616	Without Wire	16 +0/-0,5	10,5 ± 0,3	50	5500
	13212116	13212216	13212016	13212316	13212416	13212516	13212616	With Wire				
20	13211120	13211220	13211020	13211320	13211420	13211520	13211620	Without Wire	20 +0/-0,5	13,5 ± 0,3	50	3750
	13212120	13212220	13212020	13212320	13212420	13212520	13212620	With Wire				
25	13211125	13211225	13211025	13211325	13211425	13211525	13211625	Without Wire	25 +0/-0,5	18,0 ± 0,4	50	2600
	13212125	13212225	13212025	13212325	13212425	13212525	13212625	With Wire				
32	13211132	13211232	13211032	13211332	13211432	13211532	13211632	Without Wire	32 +0/-0,5	24,1 ± 0,4	50	1600
	13212132	13212232	13212032	13212332	13212432	13212532	13212632	With Wire				
40	13211140	13211240	13211040	13211340	13211440	13211540	13211640	Without Wire	40 +0,5/-0,5	31,2 ± 0,3	50	1600
	13212140	13212240	13212040	13212340	13212440	13212540	13212640	With Wire				
50	13211150	13211250	13211050	13211350	13211450	13211550	13211650	Without Wire	50 +0,5/-0,5	38,9 ± 0,3	25	800
	13212150	13212250	13212050	13212350	13212450	13212550	13212650	With Wire				

PRO General Properties

Impact resistance	6J
Minimum temperature	-40 °C
Maximum temperature	+105 °C
Bending resistance	Flexible
Electrical characteristics	Insulator
Burning properties	Self extinguishing, V2 (UL94)

