



Developed by specialists in Germany specifically for both indoor and outdoor construction markets.

EXTRO FLEX® flexible protection tubes stand out with a particularly robust profile, resistant to mechanical stress according to specific standards, but also flexible enough to be easy to install. The material used, a complex of high-density polyethylene (HDPE) base gives it great flexibility even at low temperatures, for a good maneuverability on site, and at the same time ensures the preservation of all properties in the very long term, up to 50 years. EXTRO FLEX® products are ideal for the protection of electrical cables and data networks in residential buildings, industrial and public schools, administrative buildings, malls, cinemas, etc. Doesn't propagate the flame. For special applications, we offer the entire range in the V0 - fireproof version with self-extinguishing properties.

Products

EXTRO FLEX® Light

Extremely flexible tubes with mechanical resistance adequate for installations in vertical walls.

EXTRO FLEX®

Standard tubes, with good mechanical resistance for networks buried under plaster or under a light screed.

EXTRO FLEX® dur

Increased resistance to static and dynamic stresses, such as overlapping weights, traffic with step or wheelbarrow, recommends the tubes in this range for works complexes on large construction sites, with a lot of traffic and teams from various fields.

EXTRO FLEX® Xdur

Extremely durable, the tubes in this range can be used in stressful situations extreme or when a subsequent repair would be extremely expensive.

The main advantages offered by our products

1. Halogen Free - HF

Does not eliminate toxic gases in case of fire. In the case of standard halogenated plastic tubes (ex. PVC), chlorine released in case of fire reacts with the humidity of the air or water used to extinguish and produces acid Hydrochloride, which is particularly harmful and can lead to serious accidents. Such plastics are not used in EXTRO range.

2. No damage when exposed to sunlight (UV resistant)

The used material is UV stabilized, this guaranteeing a virtually unlimited resistance to ultraviolet rays in the sunlight spectrum, without losing its flexibility and mechanical properties over time.

3. Very good flexibility even in very low temperature conditions

In case of execution of works at low temperatures, the natural ductility of the raw material used ensures the products EXTRO FLEX® a much superior flexibility to other plastic products, which become brittle, an effect that can lead to difficulties during handling on site or even to cable damage.

4. Standard products do not spread combustion and no not emit black smoke

Once ignited during a fire, the material used has self-extinguishing properties and does not propagate combustion. Even lit, the smoke emitted by the material used is neither black nor drowning.

EXTRO FLEX® Light

Type	Article Nr.	Option	Exterior Diameter (mm)	Interior Diameter (mm)	Coil size (m)	Pallet size (m)
9	10101009	Without Wire	09 +0/-0,5	7,1 ± 0,3	100	18000
11	10101011	Without Wire	11 +0/-0,5	8,4 ± 0,3	50	9000
	10102011	With Wire				
13	10101013	Without Wire	13 +0/-0,5	10,3 ± 0,3	50	6000
	10102013	With Wire				
16	10101016	Without Wire	16 +0/-0,5	11,8 ± 0,3	50	5500
	10102016	With Wire				
20	10101020	Without Wire	20 +0/-0,5	14,9 ± 0,3	50	3750
	10102020	With Wire				
25	10101025	Without Wire	25 +0/-0,5	19,5 ± 0,4	50	2600
	10102025	With Wire				
32	10101032	Without Wire	32 +0/-0,5	25,4 ± 0,4	50	1600
	10102032	With Wire				
40	10101040	Without Wire	40 +0,5/-0,5	32,2 ± 0,3	50	1600
	10102040	With Wire				
50	10101050	Without Wire	50 +0,5/-0,5	40,1 ± 0,3	25	800
	10102050	With Wire				

EXTRO FLEX®

Type	Article Nr.	Option	Exterior Diameter (mm)	Interior Diameter (mm)	Coil size (m)	Pallet size (m)
9	11101009	Without Wire	09 +0/-0,5	7,1 ± 0,3	100	18000
11	11101011	Without Wire	11 +0/-0,5	8,2 ± 0,3	50	9000
	11102011	With Wire				
13	11101013	Without Wire	13 +0/-0,5	9,6 ± 0,3	50	6000
	11102013	With Wire				
16	11101016	Without Wire	16 +0/-0,5	11,2 ± 0,3	50	5500
	11102016	With Wire				
20	11101020	Without Wire	20 +0/-0,5	14,2 ± 0,3	50	3750
	11102020	With Wire				
25	11101025	Without Wire	25 +0/-0,5	18,8 ± 0,4	50	2600
	11102025	With Wire				
32	11101032	Without Wire	32 +0/-0,5	25 ± 0,4	50	1600
	11102032	With Wire				
40	11101040	Without Wire	40 +0,5/-0,5	31,5 ± 0,3	50	1600
	11102040	With Wire				
50	11101050	Without Wire	50 +0,5/-0,5	39,7 ± 0,3	25	800
	11102050	With Wire				

EXTRO FLEX® dur

Type	Article Nr.	Option	Exterior Diameter (mm)	Interior Diameter (mm)	Coil size (m)	Pallet size (m)
9	12101009	Without Wire	09 +0/-0,5	7,1 ± 0,3	100	18000
11	12101011	Without Wire	11 +0/-0,5	7,9 ± 0,3	50	9000
	12102011	With Wire				
13	12101013	Without Wire	13 +0/-0,5	9,3 ± 0,3	50	6000
	12102013	With Wire				
16	12101016	Without Wire	16 +0/-0,5	10,9 ± 0,3	50	5500
	12102016	With Wire				
20	12101020	Without Wire	20 +0/-0,5	13,9 ± 0,3	50	3750
	12102020	With Wire				
25	12101025	Without Wire	25 +0/-0,5	18,4 ± 0,4	50	2600
	12102025	With Wire				
32	12101032	Without Wire	32 +0/-0,5	24,6 ± 0,4	50	1600
	12102032	With Wire				
40	12101040	Without Wire	40 +0,5/-0,5	31,5 ± 0,3	50	1600
	12102040	With Wire				
50	12101050	Without Wire	50 +0,5/-0,5	39,3 ± 0,3	25	800
	12102050	With Wire				

EXTRO FLEX® Xdur

Type	Article Nr.	Option	Exterior Diameter (mm)	Interior Diameter (mm)	Coil size (m)	Pallet size (m)
9	13101009	Without Wire	09 +0/-0,5	7,1 ± 0,3	100	18000
11	13101011	Without Wire	11 +0/-0,5	7,6 ± 0,3	50	9000
	13102011	With Wire				
13	13101013	Without Wire	13 +0/-0,5	9,3 ± 0,3	50	6000
	13102013	With Wire				
16	13101016	Without Wire	16 +0/-0,5	10,5 ± 0,3	50	5500
	13102016	With Wire				
20	13101020	Without Wire	20 +0/-0,5	13,5 ± 0,3	50	3750
	13102020	With Wire				
25	13101025	Without Wire	25 +0/-0,5	18,0 ± 0,4	50	2600
	13102025	With Wire				
32	13101032	Without Wire	32 +0/-0,5	24,1 ± 0,4	50	1600
	13102032	With Wire				
40	13101040	Without Wire	40 +0,5/-0,5	31,2 ± 0,3	50	1600
	13102040	With Wire				
50	13101050	Without Wire	50 +0,5/-0,5	38,9 ± 0,3	25	800
	13102050	With Wire				

Properties

Compression resistance	< 320N
Impact resistance	3J
Minimum temperature	-40 °C
Maximum temperature	+105 °C
Bending resistance	Flexible
Electrical characteristics	Insulator
Burning properties	Doesn't propagate flame
HF (halogen free)	No toxic smoke or combustion propagated
UV resistance: 50 years	Very good flexibility



Properties

Compression resistance	320N
Impact resistance	6J
Minimum temperature	-40 °C
Maximum temperature	+105 °C
Bending resistance	Flexible
Electrical characteristics	Insulator
Burning properties	Doesn't propagate flame
HF (halogen free)	No toxic smoke or combustion propagated
UV resistance: 50 years	Very good flexibility

Properties

Compression resistance	750N
Impact resistance	6J
Minimum temperature	-40 °C
Maximum temperature	+105 °C
Bending resistance	Flexible
Electrical characteristics	Insulator
Burning properties	Doesn't propagate flame
HF (halogen free)	No toxic smoke or combustion propagated
UV resistance: 50 years	Very good flexibility

Properties

Compression resistance	1250N
Impact resistance	6J
Minimum temperature	-40 °C
Maximum temperature	+105 °C
Bending resistance	Flexible
Electrical characteristics	Insulator
Burning properties	Doesn't propagate flame
HF (halogen free)	No toxic smoke or combustion propagated
UV resistance: 50 years	Very good flexibility