

CABLE DUCT

Code: FU	Resistance to flame propagation: flame propagating
Colour: grey RAL 7035	Resistance to bending: pliable
Material: high density polyethylene, strengthened with anti-UV of 1 year at 130 KLangley	Installation temperature: min. -10°C; max. +60°C
Length supplied: 50-25m rolls, depending on diameter	Compression strength: 450 N
Standard: EN 50086-1 and EN 50086-2-4+A1	Impact resistance: normal
Classification: -N--	Application field: electrical installations and/or data transmission
	Installation type: underground

The minimum curvature radius obtainable with the cable ducts of the FU 15 Range is equal to 8 times the external diameter of the cable duct.

THERMOPLASTIC CHAMBER SYSTEMS

Code: PZ	Application field: especially suitable for containing cut-out systems and earth connections in electrical systems and buried telecommunications systems
Colour: grey	Installation type: underground
Material: thermoplastic	

Load resistance

Version	Dimensions	Breaking load* (kg/cm ²)
Square	200x200x200	7.4
Square	300x300x300	4.8
Square	400x400x400	2
Square	550x550x520	2.7
Rectangular	360x260x320	7.7

* The breaking load values refer to closed high-resistance covers.

Breaking load in accordance to UNI EN 124.

It is advisable to firmly anchor the electrical boxes to the ground. Prepare a concrete bed of at least 10cm and cover the rest with earth and cement, taking care to avoid height differences between the electrical box cover and the ground surface.

Dimension tables

FU15

Code	Cable ducts Ø (mm)	D	d. min.
DX 35 000	40	40	+0.8 0
DX 35 001	50	50	+1 0
DX 35 002	63	63	+1.2 0
DX 35 003	75	75	+1.4 0
DX 35 004	90	90	+1.7 0
DX 35 005	110	110	+2 0
DX 35 006	125	125	+2.3 0
DX 35 007	140	140	+2.6 0
DX 35 008	160	160	+2.9 0
DX 35 009	200	200	+3.6 0

FUM

Code	For cable ducts Ø (mm)	D	De	L
DX 58 200	40	40.5	43	85
DX 58 201	50	50.5	53	100
DX 58 202	63	63.5	66	110
DX 58 203	75	75.5	78	140
DX 58 204	90	90.5	93	150
DX 58 205	110	110.5	113	185
DX 58 206	125	125.5	128	225
DX 58 207	140	140.5	143	245
DX 58 208	160	160.5	163	280
DX 58 209	200	200.5	203	320

RECTANGULAR ELECTRICAL BOXES - DX 59 501 - DX 59 502

Technical drawing showing side and front views of rectangular electrical boxes. Dimensions include 360 mm width, 260 mm height, 290 mm depth, and 80 mm base height. Cable duct diameters are indicated as ø110, ø100, ø80, ø63, and ø50.

SQUARE ELECTRICAL BOXES

Technical drawing showing front and side views of square electrical boxes. Dimensions A, B, and C are indicated. Cable duct diameters are labeled ø1, ø2, ø3, and ø4.

Ø											
A	B	C	1	2	3	4	5	6	7	8	9
200	200	200	50	75	90	110					
300	300	300		75	90	110	125				
400	400	400				110	125	160	200	250	
550	550	520						160	200	250	315

KIT OF STACKABLE ACCESS CHAMBERS WITH SMOOTH BOTTOM

	A	B	C	D	E	F
200x200	190	190	196	418	190	380
300x300	289	289	290	569	289	578

