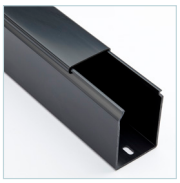
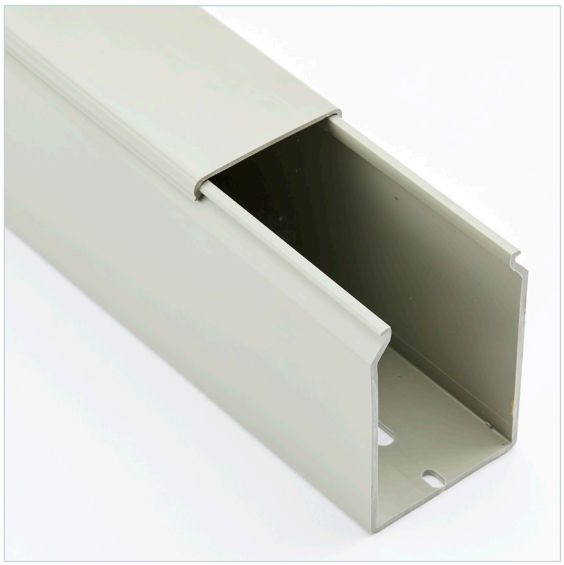
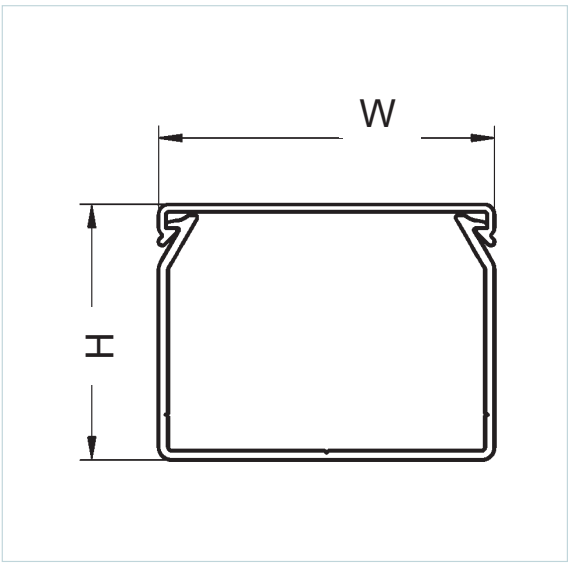
Betaduct
A Cablecraft Company

Technical Data

Betaduct PVC Solid Wall Cable Trunking







Specification

Material	Rigid PVC 9051 LF
Colour	Grey RAL7030, Black RAL9005
Operating Temp	-5°C to +60°C
Volume Resistivity	1 E15 Ohm. cm
Dielectric Strength	15 kV/mm
Flame Resistance	V0 UL94
Tensile Strength	>40 MPa
Ultimate Elongation	>160%
Weather Resistance	Good
Stabilization	Calcium / Zinc
Glow Wire Flammability	+960°C | EN 60695-2-11
UL Recognised	UL 1565 | E509564
CSA Recognised	CSA-C22.2 No. 18.5 | E509564
Design	EN50085-1 & EN50085-2-3

Key Features

- Lightweight and self-extinguishing
- Excellent rigidity and performance characteristics
- Easy installation
- Base holes to EN 50085-2-3
- Secure clip on lid
- Supplied in 2m lengths

Spare lids available

Part Number		Nominal External (mm)		Lengths Per Pack	Base Punching	Quantity Per Pack (m)
Grey	**Black**	**Height**	**Width**			
10480021Y		25	25	12	1 Row	24
10480022Y	**10110000Y**	37.5	25	12	1 Row	24
10480023Y	**09230000Y**	50	25	12	1 Row	24
	09240000Y	75	25	8	1 Row	16
10480032Y	**10140000Y**	37.5	37.5	12	1 Row	24
10480033Y	**10150000Y**	50	37.5	8	1 Row	16

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Part Number		Nominal External (mm)		Lengths Per Pack	Base Punching	Quantity Per Pack (m)
Grey	Black	Height	Width			
	10160000Y	75	37.5	8	1 Row	16
10480052Y	10190000Y	37.5	50	12	1 Row	24
10480053Y	09260000Y	50	50	8	1 Row	16
10480054Y	09270000Y	75	50	8	1 Row	16
10480055Y		100	50	4	1 Row	8
	10220000Y	100	50	8	1 Row	16
10480073Y	10240000Y	50	75	8	3 Row	16
10480074Y	09290000Y	75	75	8	3 Row	16
10480075Y	10260000Y	100	75	4	3 Row	8
10480103Y	10280000Y	50	100	4	3 Row	8
10480104Y	10290000Y	75	100	4	3 Row	8
10480105Y	10300000Y	100	100	4	3 Row	8
10480124Y	09420000Y	75	125	4	3 Row	8

You might also need...

EDC1

Betaduct Trunking Cutting Tool

- Blade W: 21.5mm
- Cutting D: 50mm

BETADUCT-CUTTER

Betaduct Trunking Cutting Tool

- Cuts up to 125mm

EDC 2

Betaduct Trunking Cutting Tool

- Cuts up to 110mm

1857

Betaduct Trunking Cutting Tool

- Ideal for cutting slots in trunking

RT4 or RT6

Betaduct Trunking Rivet Tools

- 4.5mm (RT4)
- 6.5mm (RT6)

DUCTAFIX R4 or R6

Betaduct Trunking Rivets

- 4mm (R4)
- 6mm (R6)

10440000

Betaduct Insulating Washers

- Black
- Pack of 50

RC1

Retaining Clip For Narrow Trunking

- 53mm x 66mm
- Pack of 50

BC1

HF Bridging Clip For Narrow Trunking

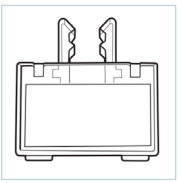
- 22.5mm x 105mm
- Pack of 50

BC2

HF Bridging Clip For Narrow Trunking

- 24mm x 108mm
- Pack of 50

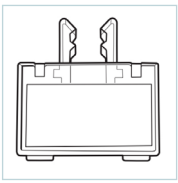
LH1



Label Holder For Narrow Trunking

- 25.5mm x 13mm
- Pack of 50

LH2

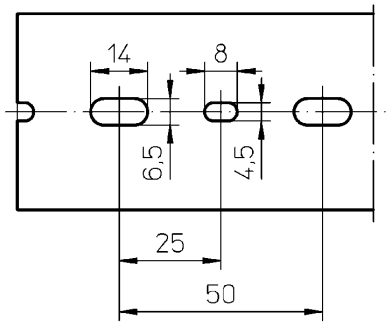


Label Holder For Narrow Trunking

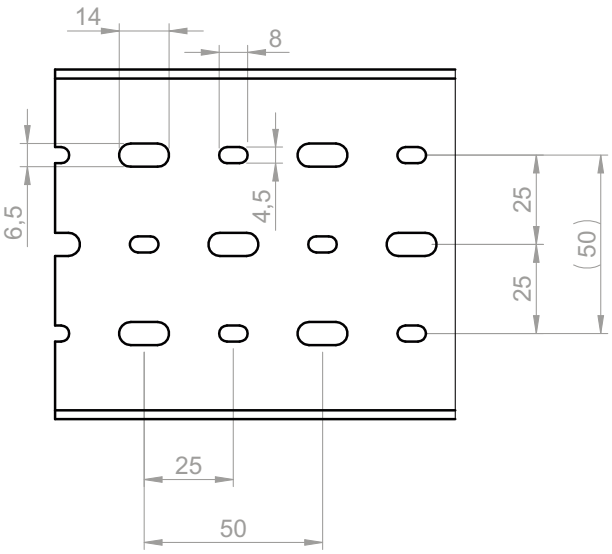
- 38mm x 19mm
- Pack of 50

Betaduct PVC Solid Wall Cable Trunking

W = 25, 37.5 and 50 mm



W = 75, 100 and 125 mm



Base punching to EN 50085-2-3

Betaduct Trunking Capacity Chart

Trunking Nominal External Width x Height (mm)	Internal Cross Sectional Area (mm²)	At 50% Packing Density (mm²)	Cable Cross Sectional Area (mm²) Tri-Rated Cable BS6231												
			0.50	0.75	1.00	1.50	2.50	4.00	6.00	10.00	16.00	25.00	35.00	50.00	70.00	95.00
			Cable Diameter (mm)													
			2.63	2.83	3.00	3.30	3.70	4.40	4.90	6.50	9.05	10.55	11.90	14.75	16.55	18.75
			Maximum Number of Cables													
25 x 37.5	608	304	55	48	43	35	28	19	16	9	4	3	2	1	1	1
25 x 50	836	418	76	66	59	48	38	27	22	12	6	4	3	2	1	1
25 x 75	1311	655.5	120	104	92	76	60	43	34	19	10	7	5	3	3	2
37.5 x 37.5	1024	512	94	81	72	59	47	33	27	15	7	5	4	2	2	1
37.5 x 50	1408	704	129	111	99	82	65	46	37	21	10	8	6	4	3	2
37.5 x 75	2208	1104	203	175	156	129	102	72	58	33	17	12	9	6	5	3
50 x 37.5	1408	704	129	111	99	82	65	46	37	21	10	8	6	4	3	2
50 x 50	1936	968	178	153	136	113	90	63	51	29	15	11	8	5	4	3
50 x 75	3036	1518	279	241	214	177	141	99	80	45	23	17	13	8	7	5
50 x 100	4136	2068	380	328	292	241	192	136	109	62	32	23	18	12	9	7
75 x 37.5	2208	1104	203	175	156	129	102	72	58	33	17	12	9	6	5	3
75 x 50	3036	1518	279	241	214	177	141	99	80	45	23	17	13	8	7	5
75 x 75	4761	2380.5	438	378	336	278	221	156	126	71	37	27	21	13	11	8
75 x 100	6486	3243	596	515	458	379	301	213	171	97	50	37	29	18	15	11
100 x 50	4136	2068	380	328	292	241	192	136	109	62	32	23	18	12	9	7
100 x 75	6486	3243	596	515	458	379	301	213	171	97	50	37	29	18	15	11
100 x 100	8836	4418	813	702	625	516	410	290	234	133	68	50	39	25	20	16
150 x 100	13536	6768	1245	1075	957	791	629	445	358	203	105	77	60	39	31	24
125 x 75	8142	4071	749	647	575	475	378	267	215	122	63	46	36	23	18	14

*UL application fill rates may vary, more information is available on request.