

TECHNICAL SPECIFICATION • BETADUCT PVC - SOLID WALL GREY



DESCRIPTION

Solid Wall PVC Betaduct provides a lightweight self-extinguishing cable trunking with excellent rigidity and performance characteristics. Solid wall design fully encloses cables providing maximum protection. Available in 25 sizes. Recommended fixing method; Betaduct rivets and washers.

APPLICATION

Ideal for use where little or no breakouts are required when bundles, cables and wires need supporting in control panels, distribution boards and switchgear. Ideal for all panel building applications.

SPECIFICATION

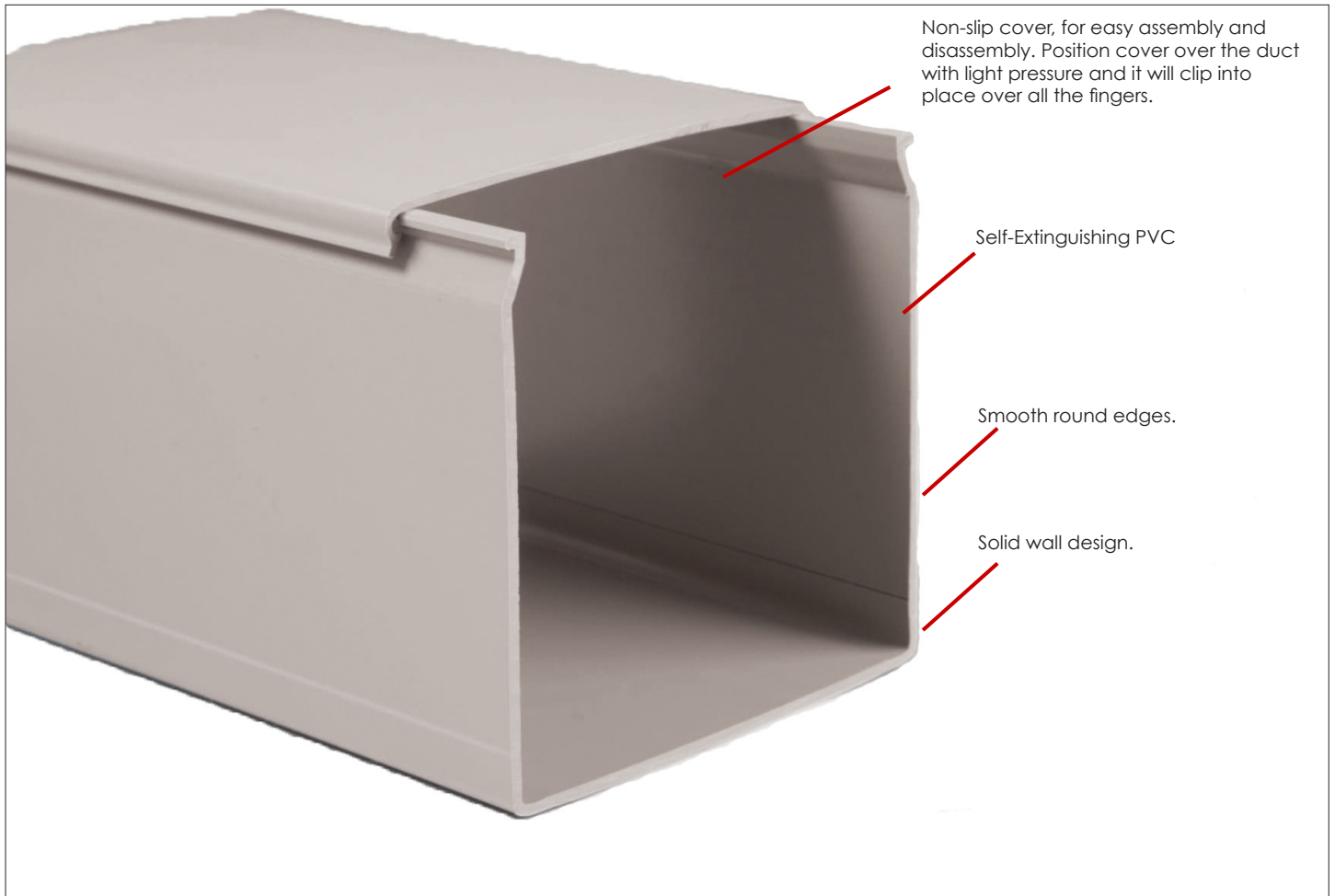
Material:	Self-extinguishing PVC
Colour Options:	Grey RAL 7030
Service Temperature Range:	-15°C to +60°C
Flammability:	UL94 V-O Rated Material
Standards:	Base slots to DIN 43659. CE, RoHS, UL E161178A & Lloyds Register Approved.

PART NUMBERS & SIZES

PART NO. GREY SOLID WALL	NOMINAL SIZE INNER (WxH) mm	NOMINAL SIZE OUTER (WxH) mm	PACK QTY (METRES)
10480011	15 x 15	17 x 17	48
10480018	19 x 50	25 x 53	24
10480021	25 x 20	29 x 23	24
10480022	25 x 37.5	29 x 41	24
10480023	25 x 50	29 x 54	24
10480024	25 x 75	29 x 79	16
10480025	25 x 100	29 x 105	16
10480032	37.5 x 37.5	41 x 41	24
10480033	37.5 x 50	41 x 54	16
10480034	37.5 x 75	41 x 79	16
10480035	37.5 x 100	43 x 105	16
10480051	50 x 25	54 x 28	24
10480052	50 x 37.5	54 x 41	16
10480053	50 x 50	54 x 54	16
10480054	50 x 75	55 x 79	16
10480055	50 x 100	56 x 105	8
10480072	75 x 37.5	80 x 41	16
10480073	75 x 50	78 x 54	16
10480074	75 x 75	80 x 80	16
10480075	75 x 100	80 x 105	8
10480103	100 x 50	107 x 54	8
10480104	100 x 75	107 x 80	8
10480105	100 x 100	107 x 104	8
10480106	100 x 125	107 x 130	8
10480124	125 x 75	131 x 78	8



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FEATURES	BENEFITS
Self-Extinguishing PVC Material	<i>Rigid, quality self-extinguishing PVC material.</i>
Solid wall design	<i>Solid wall design fully encloses cables providing maximum protection and aesthetics.</i>
Non-slip cover	<i>Once installed lid will not slip. Easy clip-on assembly and disassembly.</i>
Smooth round edges	<i>Free from burrs or sharp edges that could lead to abrasions on hands and cables.</i>

BETADUCT CAPACITY CHART

TRUNKING SIZE Width x Height mm	CROSS SECTIONAL AREA mm ²	AT 55% PACKING DENSITY mm ²	CABLE CROSS SECTIONAL AREA (mm ²) 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
			2.7	2.9	3.1	3.4	3.8	4.4	5.1	6.8	8.64	10.16	11.46	13.97	16.46	18.54
			CABLE DIAMETER (mm)													
MAXIMUM NUMBER OF CABLES																
15 x 15	225	123.75	21	18	16	13	10	8	6	3	2	1	-	-	-	-
19 x 50	950	522.5	91	79	69	57	46	34	25	14	8	6	5	3	2	1
25 x 20	500	275	48	41	36	30	24	18	13	7	4	3	2	1	1	1
25 x 37.5	937.5	515.6	90	78	68	56	45	33	25	14	8	6	4	3	2	1
25 x 50	1250	687.5	120	104	91	75	60	45	33	18	11	8	6	4	3	2
25 x 75	1875	1031.25	180	156	136	113	90	67	50	28	17	12	9	6	4	3
25 x 100	2500	1375	240	208	182	151	121	90	67	37	23	16	13	8	6	5
37.5 x 37.5	1406	773.3	135	117	102	85	68	50	37	21	13	9	7	5	3	2
37.5 x 50	1875	1031.25	180	156	136	113	90	67	50	28	17	12	9	6	4	3
37.5 x 75	2813	1547.15	270	234	204	170	136	101	75	42	26	19	14	10	7	5
37.5 x 100	3750	2062.5	360	312	273	227	181	135	100	56	35	25	19	13	9	7
50 x 25	1250	687.5	120	104	91	75	60	45	33	18	11	8	6	4	3	2
50 x 37.5	1875	1031.25	180	156	136	113	90	67	50	28	17	12	9	6	4	3
50 x 50	2500	1375	240	208	182	151	121	90	67	37	23	16	13	8	6	5
50 x 75	3750	2062.5	360	312	273	227	181	135	100	56	35	25	19	13	9	7
50 x 100	5000	2750	480	416	364	303	242	180	134	75	46	33	26	17	12	10
75 x 37.5	2813	1547.15	270	234	204	170	136	101	75	42	26	19	14	10	7	5
75 x 50	3750	2062.5	360	312	273	273	181	135	100	56	35	25	19	13	9	7
75 x 75	5625	3093.75	540	468	409	410	272	203	151	85	52	38	29	20	14	11
75 x 100	7500	4125	720	624	546	547	363	271	201	113	70	50	39	26	19	15
100 x 50	5000	2750	480	416	364	364	242	180	134	75	46	33	26	17	12	10
100 x 75	7500	4125	720	624	546	454	363	271	201	113	70	50	39	26	19	15
100 x 100	10000	5500	960	832	728	605	484	361	269	151	93	67	53	35	25	20
100 x 125	12500	6875	1200	1040	910	757	606	452	336	189	117	84	66	44	32	25
125 x 75	9375	5156.25	900	780	683	567	454	339	252	141	87	63	49	33	24	19