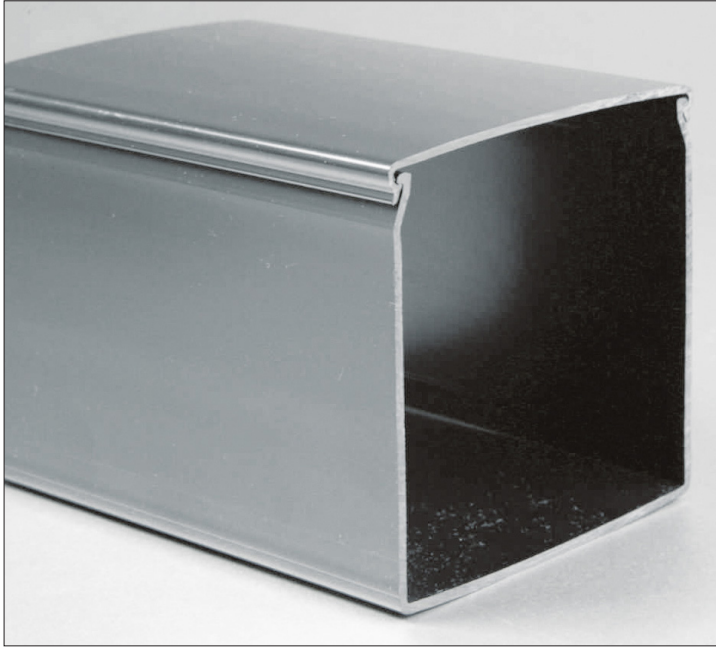


The Only UK Manufacturer of PVC and LFH Control Panel Ducting

## TECHNICAL SPECIFICATION • BETADUCT PVC - SOLID WALL BLACK



### 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:** Black

**Service Temperature Range:** -15°C to +60°C

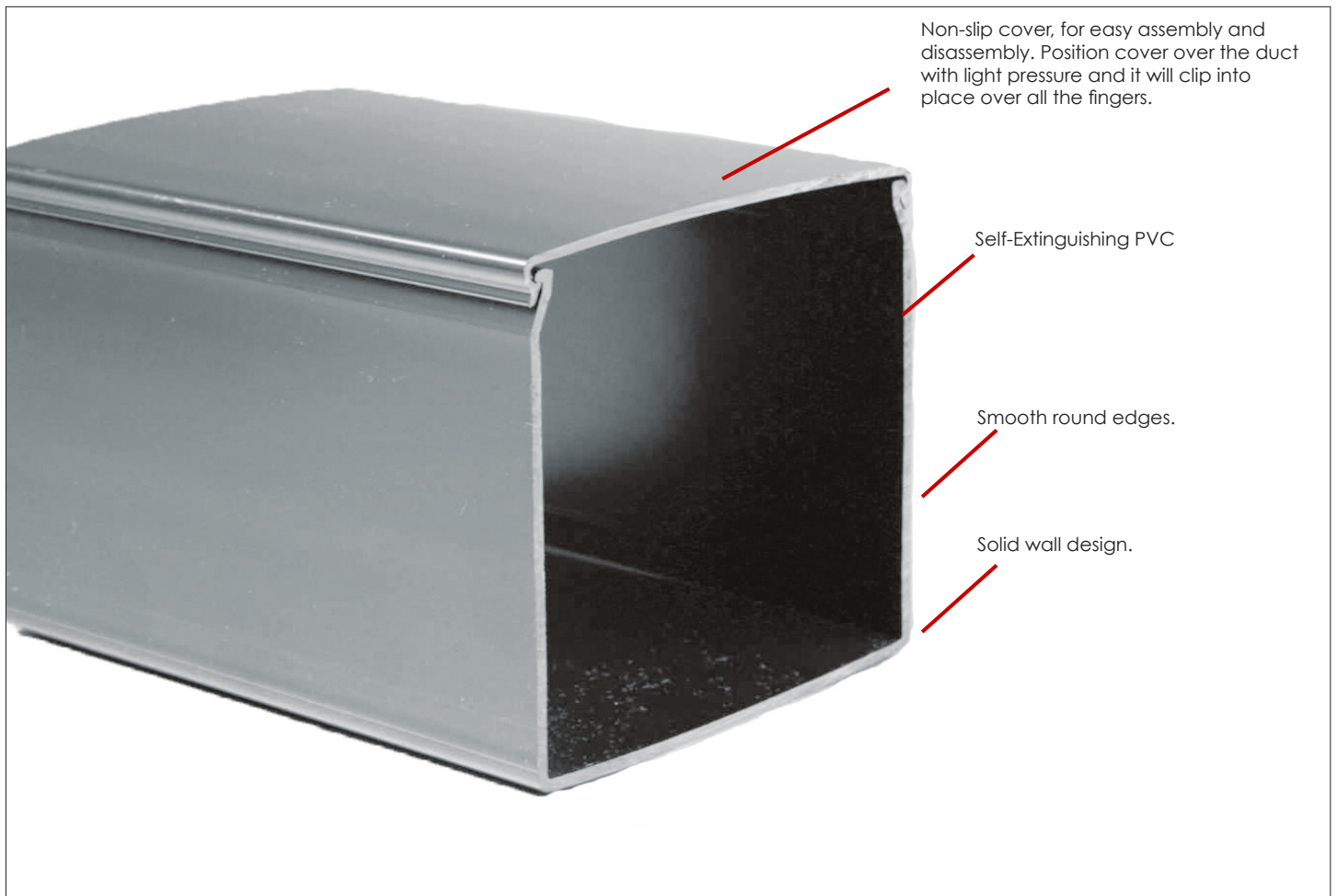
**Flammability:** UL94 V-O Rated Material

**Standards:** Base slots to DIN 43659. CE, RoHS, UL E161178A & Lloyds Register Approved.

### PART NUMBERS & SIZES

PART NO. BLACK SOLID WALL	NOMINAL SIZE INNER (WxH) mm	NOMINAL SIZE OUTER (WxH) mm	PACK QTY (METRES)
0920	15 x 15	17 x 17	48
0921	25 x 20	29 x 23	24
0923	25 x 50	29 x 54	24
0924	25 x 75	29 x 79	16
0926	50 x 50	54 x 54	16
0927	50 x 75	55 x 79	16
0929	75 x 75	80 x 80	16
0942	125 x 75	131 x 78	8
1010	19 x 50	25 x 53	24
1011	25 x 37.5	29 x 41	24
1013	25 x 100	29 x 105	16
1014	37.5 x 37.5	41 x 41	24
1015	37.5 x 50	41 x 54	16
1016	37.5 x 75	41 x 79	16
1017	37.5 x 100	43 x 105	16
1018	50 x 25	54 x 28	24
1019	50 x 37.5	54 x 41	16
1022	50 x 100	56 x 105	8
1023	75 x 37.5	80 x 41	16
1024	75 x 50	78 x 54	16
1026	75 x 100	80 x 105	8
1028	100 x 50	107 x 54	8
1029	100 x 75	107 x 80	8
1030	100 x 100	107 x 104	8
1031	100 x 125	107 x 130	8

## TECHNICAL SPECIFICATION • BETADUCT PVC - SOLID WALL BLACK



FEATURES	BENEFITS
<b>Self-Extinguishing PVC</b>	<i>Rigid Self-Extinguishing PVC material.</i>
<b>Solid wall design</b>	<i>Solid wall design fully encloses cables providing maximum protection and aesthetics.</i>
<b>Non-slip cover</b>	<i>Once installed lid will not slip. Easy clip-on assembly and disassembly.</i>
<b>Smooth round edges</b>	<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 <sup>2</sup>	AT 55% PACKING DENSITY mm <sup>2</sup>	CABLE CROSS SECTIONAL AREA (mm <sup>2</sup> ) 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