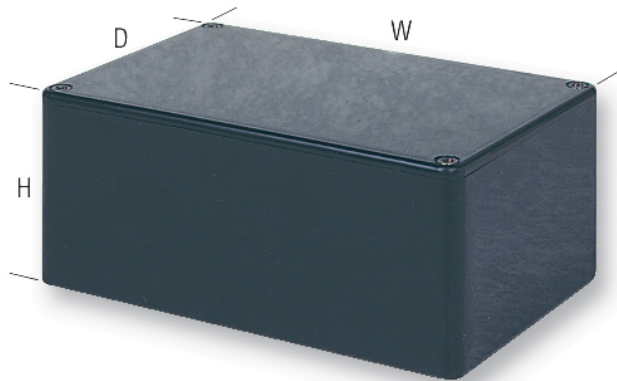


Multipurpose Boxes with Lids

ABS



Multipurpose Boxes with Lids

These boxes are moulded in ABS to give maximum strength but can be easily punched or drilled for individual requirements and to produce a professional looking end product. They are available in black, white and light grey. MB1, MB2, MB3, MB5 and MB8 have polished finish.

Printed circuit board slots are provided on certain types to allow ease of manufacture.

- Wide range of multipurpose boxes.
- Integral PCB guides (except MB6, MB6W and MB6G).
- Lid retained by M3.5 screws into brass inserts.
- MB4, MB6 and MB7 have matt finish.
- MB4 and MB6 lids retained by 6 x 4 BA screws into brass inserts.

Dimensional Data

All dimensions are external.

Overall Dimensions						Black Part Number	White Part Number	Grey Part Number
Width (W)	Depth (D)	Height (H)	Nominal Wall Thickness	Rib Spacing Side (W)	Rib Spacing Side (D)			
79	61	40	1.5	20	20	MB1	MB1W	MB1G
100	76	41				MB2	MB2W	MB2G
118	98	45				23	33	MB3
216	130	85	4.0	20	20	MB4	MB4W	MB4G
150	100	60	2.5		32	MB5	MB5W	MB5G
220	150	64	3.0	-	-	MB6	MB6W	MB6G
177	120	83	2.5	23	40	MB7	MB7W	MB7G
150	80	50		20	23	MB8	MB8W	MB8G

Dimensions : Millimetres



Multipurpose Boxes with Lids

ABS

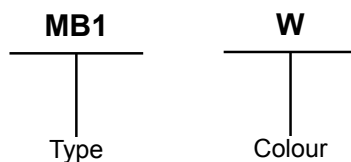


Material Data

ABS material - Ronfalin 103 grade.

Properties	Unit	Test Methods	
		ISO	DIN
Mechanical Properties	kJ/m²	-	-
Charpy notched impact strength: at +23°C at -20°C	10 7	179/2c	53453
		-	-
		-	-
Izod notched impact strength: at +23°C (thickness 6.4mm) at -20°C (thickness 6.4mm)	kJ/m ² 17 9	180/3A	-
		-	-
		-	-
Tensile test Tensile strength at yield Elongation at yield	N/mm ² 49 4	R527/1C	53455-3-5
		-	-
		-	-
Flexural test Flexural strength Modulus in flexure	N/mm ² 87 2400	178B	-
		-	53452
		-	-
Surface hardness Rockwell hardness ball indentation hardness	R scale 110 90	-	-
		2039/2	-
		2039/1	53456
Thermal Properties	°C	75/A	53461/A
HDT: Unannealed Annealed Vicat softening temperature Flammability properties	90 97 97 94HB (1.5mm)	-	-
		-	-
		-	-
		306/B50	53460
		UL94	-
Physical Properties	kg/m ³	-	-
Density	1050	1183/A	53479
Melt flow index	13	1133/19	53735/U
Gloss	59	-	67530
Processing temperatures	200 - 230°C	-	-

Part Number Explanation:



Type : MB1, MB2, MB3, MB4, MB5, MB6, MB7 and MB8.
Colour : Blank = Black, W = White and G = Grey.



Multipurpose Boxes with Lids

ABS

Notes:

International Sales Offices:



AUSTRALIA – Farnell InOne
Tel No: ++ 61 2 9645 8888
Fax No: ++ 61 2 9644 7898



FINLAND – Farnell InOne
Tel No: ++ 358 9 560 7780
Fax No: ++ 358 9 345 5411



NETHERLANDS – Farnell InOne
Tel No: ++ 31 30 241 7373
Fax No: ++ 31 30 241 7333



SWITZERLAND – Farnell InOne
Tel No: ++ 41 1 204 64 64
Fax No: ++ 41 1 204 64 54



AUSTRIA – Farnell InOne
Tel No: ++ 43 662 2180 680
Fax No: ++ 43 662 2180 670



FRANCE – Farnell InOne
Tel No: ++ 49 89 61 39 39 39
Fax No: ++ 33 474 68 99 90



NEW ZEALAND – Farnell InOne
Tel No: ++ 64 9 357 0646
Fax No: ++ 64 9 357 0656



UK – Farnell InOne
Tel No: ++ 44 8701 200 200
Fax No: ++ 44 8701 200 201



BELGIUM – Farnell InOne
Tel No: ++ 32 3 475 2810
Fax No: ++ 32 3 227 3648



GERMANY – Farnell InOne
Tel No: ++ 49 89 61 39 39 39
Fax No: ++ 49 89 613 59 01



NORWAY – Farnell InOne
Tel No: ++ 45 44 53 66 66
Fax No: ++ 45 44 53 66 02



UK – BuckHickman InOne
++ 44 8450 510 150
++ 44 8450 510 130



BRAZIL – Farnell-Newark InOne
Tel No: ++ 55 11 4066 9400
Fax No: ++ 55 11 4066 9410



HONG KONG –
Farnell-Newark InOne
Tel No: ++ 852 2268 9888
Fax No: ++ 852 2268 9899



PORTUGAL – Farnell InOne
Tel No: ++ 34 93 475 8804
Fax No: ++ 34 93 474 5288



UK – CPC
++ 44 8701 202 530
++ 44 8701 202 531



CHINA – Farnell-Newark InOne
Tel No: ++86 10 6238 5152
Fax No: ++86 10 6238 5022



IRELAND – Farnell InOne
Tel No: ++ 353 1 830 9277
Fax No: ++ 353 1 830 9016



SINGAPORE –
Farnell-Newark InOne
Tel No: ++ 65 6788 0200
Fax No: ++ 65 6788 0300



EXPORT – Farnell InOne
Tel No: ++ 44 8701 200 208
Fax No: ++ 44 8701 200 209

For enquiries from all other markets



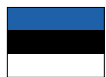
DENMARK – Farnell InOne
Tel No: ++ 45 44 53 66 44
Fax No: ++ 45 44 53 66 06



ITALY – Farnell InOne
Tel No: ++ 39 02 93 995 200
Fax No: ++ 39 02 93 995 300



SPAIN – Farnell InOne
Tel No: ++ 34 93 475 8805
Fax No: ++ 34 93 474 5107



ESTONIA – Farnell InOne
Tel No: ++ 358 9 560 7780
Fax No: ++ 358 9 345 5411



MALAYSIA –
Farnell-Newark InOne
Tel No: ++ 60 3 7873 8000
Fax No: ++ 60 3 7873 7000



SWEDEN – Farnell InOne
Tel No: ++ 46 8 730 50 00
Fax No: ++ 46 8 83 52 62

<http://www.farnellinone.com>

<http://www.buckhickmaninone.com>

<http://www.cpc.co.uk>

Disclaimer This data sheet and its contents (the "Information") belong to the Premier Farnell Group (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The information is subject to change without notice and replaces all data sheets previously supplied. The information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. Multicomp is the registered trademark of the Group. © Premier Farnell plc 2004.