



# **ESD Control Products**



**Molded Fiber Glass Tray Company**

# Protect Electronic Components During Assembly Operations with FibreStat 2000

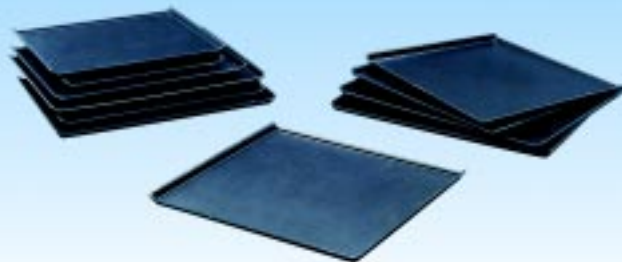
Molded Fiber Glass Tray Company (MFG)'s FibreStat 2000 is a specifically formulated composite material that gives permanent ESD properties to a wide variety of trays, boxes and pallets used in conveyor applications for electronic component production and assembly. MFG offers over 200 standard, off-the-shelf material handling products to meet the customer's need to convey, carry, accumulate, and warehouse a variety of static-sensitive parts or assemblies.

In accordance with ASTM D-257 tests, the FibreStat 2000 materials meet the surface resistivity requirements of Static dissipative ( $>10^5$  to  $10^{11}$  ohms per square) or Conductive ( $<10^5$  ohms per square). MFG's trays, boxes and pallets protect electronic components, assemblies, loaded printed circuit boards, and other static-sensitive parts without requiring surface treatment.

Shown here and on the following pages are the popular sizes and configurations.

Model	Length*		Width*		Depth	
	inches	mm	inches	mm	inches	mm
110100 Nesting Box	18	457	7	178	5	127
110200 Nesting Box	24	610	8	203	6	152
110300 Nesting Box	30	762	8	203	6	152
110400 Nesting Box	36	914	8	203	6	152
203100 Stacking Box, Dropped sides	21 3/8	543	21 3/8	543	2	51
203200 Stacking Box, Dropped sides	21 3/8	543	21 3/8	543	3 1/8	79
204109 Tray	24 1/2	622	21 1/8	537	1	25
205109 Tray	25 1/2	648	22 1/2	572	1	25
206109 Tray	24 1/2	622	22 1/2	572	1	25
207109 Tray	27 7/8	708	22 3/8	568	1	25
208109 Tray	22 3/8	568	20 1/4	514	1	25
209109 Tray	24 1/2	622	21 1/2	546	1	25
210109 Tray	27	686	21	533	1	25
211109 Tray	26 1/4	667	22	559	1	25
212109 Tray	28	711	21 1/2	546	1	25
213109 Tray	26 1/4	667	23	584	1	25
214109 Tray	24 1/2	622	23	584	1	25
215109 Tray	34 1/4	870	21 3/8	543	1	25
217109 Tray	27	686	20	508	1	25
218109 Tray	22 1/2	572	20	508	1	25
220000 Stacking Box	24 1/2	622	21 1/4	540	2 5/8	67
221000 Stacking Box	27	686	21	533	2 5/8	67
228000 Pallet	22	559	22	559	3/4	19
302000 Tray	16 3/8	416	12	305	1	25
303000 Tray	13 1/4	337	10 5/8	270	1	25
304000 Tray	20 3/8	518	15 1/8	384	1	25
305000 Tray	21 7/8	556	16	406	1	25
318000 Tray	18	457	14	356	1	25
330000 Nesting Box	21 1/4	540	15	381	5	127
330119 Lid	21 1/4	540	15	381		
332000 Tray	25 3/4	654	17 7/8	454	1 1/8	29
333000 Tray	25 3/4	654	8 3/4	222	1 1/8	29
334000 Tray	17 3/4	451	11 3/4	298	1	25
335000 Tray	17 3/4	451	9	229	1	25
337009 Tray	24	610	12 5/8	321	3/4	19
338009 Tray	27	686	12 1/2	318	3/4	19
500009 Nesting Box	19 1/2	495	13 1/2	343	4 1/8	105
503009 Nesting Box	19 1/2	495	7 1/2	191	4 1/8	105
505009 Nesting Box	19 1/2	495	9 1/2	241	4 1/8	105
509000 Nesting Box	13 1/4	337	12 1/2	318	3 1/2	89
510100 Hopper Box	10	254	6	152	2 7/8	73
510110 Lid	10	254	6	152		
510200 Hopper Box	19 3/4	502	6	152	2 7/8	73
510210 Lid	19 3/4	502	6	152		
600000 Tray, with drop ends	29 7/8	759	23 7/8	606	1 1/2	38
600100 Tray, with drop sides	29 7/8	759	23 7/8	606	2	51

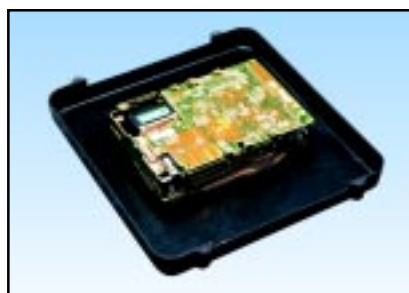
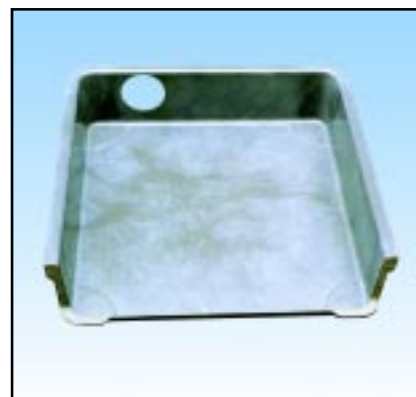
## Conveyor and Assembly Trays



## Conveyor and Assembly Trays

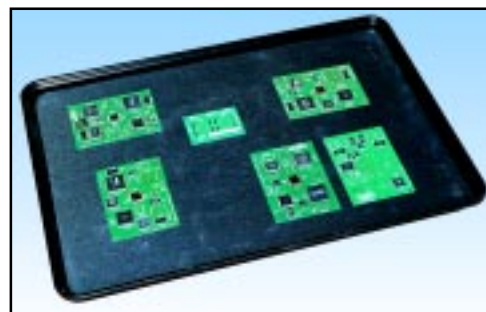


Removal of one end of the tray allows access to the part during production. The large hole in the end wall allows unit to be plugged in for testing.



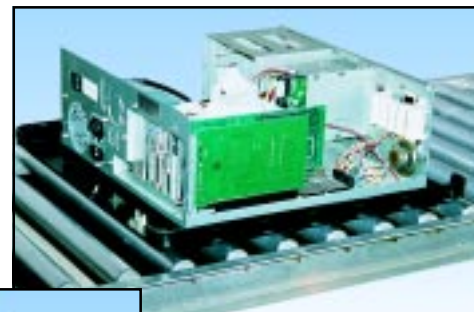
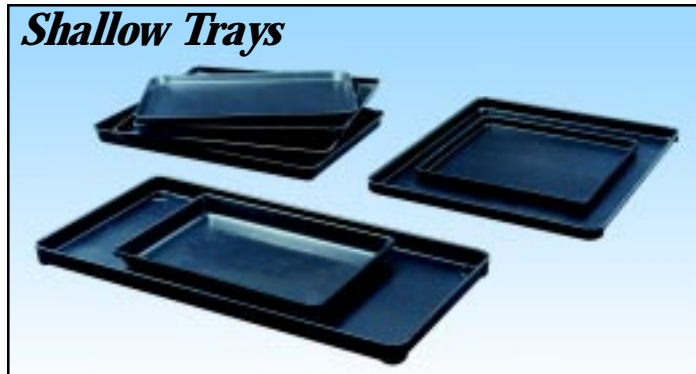
Modifications made to standard product to accommodate the manufacturing procedures used on assembly lines.

Trays used on carts handling PC board assembly.

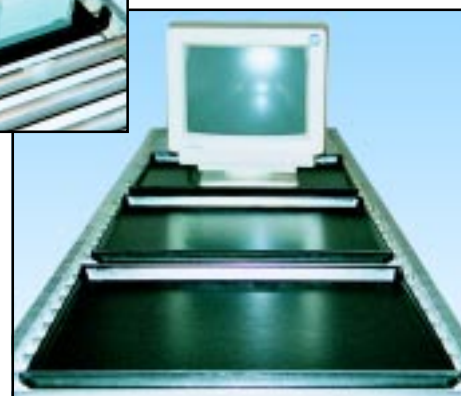


## Shallow Trays

Model	Length*		Width*		Depth	
	inches	mm	inches	mm	inches	mm
600200 Tray, with drop sides	23 7/8	606	14 7/8	378	1 3/8	35
601209 Tray	26	660	26	660	1 1/4	32
602209 Tray	24 1/4	616	24 1/4	616	1 7/8	48
603200 Tray	36 1/2	927	24 3/4	629	1 1/2	38
604209 Tray	30	762	30	762	1 1/4	32
605000 Tray	35 7/8	911	23 1/2	597	1 1/2	38
606209 Tray	25 1/4	641	19 1/4	489	1 1/8	29
607009 Tray	25 3/4	654	13 5/8	346	1 1/4	32
608109 Tray	30	762	20	508	2	51
610009 Tray	36 1/2	927	17 1/2	445	1 5/8	41
611009 Tray	24 1/4	616	20 1/4	514	1 1/2	38
612009 Tray	28	711	28	711	1 1/2	38
613000 Tray	7 1/2	191	7 1/2	191	1/2	13
614009 Tray	39 1/2	1,003	19 1/2	495	2	51
615009 Tray	30	762	26	660	1 1/4	32
617009 Tray	30 1/2	775	24 1/2	622	1 7/8	48
618009 Tray	39	991	19	483	2	51
619009 Tray	40	1,016	28	711	1 1/2	38
620009 Tray	32	813	18	457	1 1/4	32
622000 Tray	20 5/8	524	16 5/8	422	1 1/2	38
624000 Tray	31	787	25	635	2 3/4	70
626009 Tray	24 1/4	616	20 1/4	514	1 1/8	29
627009 Tray	31	787	26	660	1 5/8	41
628009 Tray	22 1/2	572	14 1/2	368	2	51
629000 Tray	19 1/2	495	19 1/2	495	1 1/4	32
630109 Tray, with drop ends	24 1/4	616	24 1/4	616	2 1/4	57
634000 Tray, with drop sides	24	610	12	305	2 3/4	70
636000 Tray	22 7/8	581	15 1/2	394	1 1/4	32
702040 Nest & Stack Box	19 5/8	498	12 5/8	321	8	203
702110 Lid	19 5/8	498	12 5/8	321		
703000 Nest & Stack Box	24	610	20	508	12 3/4	324
705100 Nest & Stack Box	21 1/8	537	15 5/8	397	6	152
705200 Nest & Stack Box	24	610	14 3/8	365	7 3/4	197
705219 Lid	24	610	14 3/8	365		
705300 Nest & Stack Box	17 7/8	454	11 1/4	286	6	152
705400 Nest & Stack Box	23 1/2	597	16 1/8	410	10 1/4	260
705419 Lid	23 1/2	597	16 1/8	410		
710000 Nest & Stack Box	19 1/2	495	12 1/2	318	6	152
780000 Nest & Stack Box	42 1/2	1,080	20	508	14 1/4	362
780100 Nest & Stack Box	42 1/2	1,080	20	508	7 1/2	191
780110 Lid	42 1/2	1,080	20	508		
780200 Nest & Stack Box	17 7/8	454	10 5/8	270	5	127
780210 Lid	17 7/8	454	10 5/8	270		
780300 Nest & Stack Box	19 3/4	502	12 1/2	318	6	152
780310 Lid	19 3/4	502	12 1/2	318		
780400 Nest & Stack Box	20 1/2	521	12 7/8	327	8	203
780410 Lid	20 1/2	521	12 7/8	327		
780500 Nest & Stack Box	24 1/4	616	14 3/4	375	8	203
780510 Lid	24 1/4	616	14 3/4	375		
780600 Nest & Stack Box	25 1/4	641	18	457	10	254
780610 Lid	25 1/4	641	18	457		
801100 Stacking Box	20 1/2	521	11 1/4	286	5 1/2	140
802000 Stacking Box	16 1/2	419	11 3/8	289	4 5/8	117
804000 Stacking Box	18 3/4	476	11 7/8	302	1 3/4	44
805100 Stacking Box	30 3/8	772	15 7/8	403	2 3/4	70
805200 Stacking Box with drop sides	30 3/8	772	15 7/8	403	2 7/8	73
806009 Stacking Box	25 3/4	654	17 3/4	451	1 1/8	29
807009 Stacking Box	18 1/2	470	12 1/2	318	1/4	6
808100 Stacking Box	22	559	12	305	1 1/4	32
808200 Stacking Box	23 3/8	594	12	305	3 1/8	79
808300 Stacking Box	23 3/8	594	12	305	6	152
808400 Stacking Box	23 3/8	594	12	305	4 3/8	111



*Used by major computer and peripheral manufacturers for assembly.*



*AS/RS System using the 899 Series of boxes and collars.*

Model	Length*		Width*		Depth	
	inches	mm	inches	mm	inches	mm
810000 Stacking Box	18	457	16	406	1/2	13
811100 Stacking Box	22 1/8	562	10 5/8	270	8	203
812100 Stacking Box	16 7/8	429	9 1/2	241	6 1/4	159
813100 Stacking Box	24 3/8	619	14 7/8	378	11 5/8	295
814100 Stacking Box	20 3/4	527	11 1/4	286	3 1/4	83
814200 Stacking Box	20 3/4	527	11 1/4	286	5 5/8	143
814300 Stacking Box	25 3/4	654	15 3/4	400	7 1/4	184
814400 Stacking Box	33 1/8	841	15 5/8	397	8	203
814700 Stacking Box	20 3/4	527	11 1/4	286	2 3/8	60
815000 Stacking Box	29	737	25	635	5	127
816009 Stacking Box	31 7/8	810	15	381	2	51
817000 Stacking Box	17 1/2	445	17 1/2	445	4 1/2	114
819000 Stacking Box	17 3/4	451	10 1/2	267	4 1/8	105
820100 Stacking Box	23	584	16 3/4	425	1 1/8	29
825000 Stacking Box	14 3/8	365	14 3/8	365	3 1/2	89
828000 Stacking Box	27 1/4	692	12 1/2	318	5 3/4	146
842000 Stacking Hopper Box	24	610	10	254	8	203
846100 Stacking Box	27 1/8	689	12	305	2 7/8	73
846200 Stacking Box	27 1/8	689	12	305	6 7/8	175
848000 Stacking Box	26	660	20	508	1 1/2	38
870000 Stacking Box	25 3/4	654	17 3/4	451	3	76
871000 Stacking Box	22	559	11 1/2	292	4 1/4	108
872040 Stacking Box	23	584	19	483	9 5/8	244
875000 Stacking Box	25 3/4	654	17 3/4	451	4 1/2	114
880000 Stacking Box	25 3/4	654	17 3/4	451	6	152
887000 Lid for 870, 875, 880	25 3/4	654	17 3/4	451		
893000 Stacking Box	25	635	20	508	3	76
893100 Stacking Box	28	711	20	508	3	76
895000 Stacking Box	29	737	18	457	2	51
899100 30	28 1/4	718	20	508	3	76
902000 Nesting Box	17	432	11	279	5	127
903140 Nesting Box	16 1/2	419	12	305	10	254
908240 Nesting Box	22	559	16 1/2	419	8 1/2	216
912140 Nesting Box	23 1/4	591	17 1/4	438	14	356
912240 Nesting Box	22 1/2	572	17	432	10 3/8	264
919100 Nesting Box	20 1/2	521	17	432	10 3/8	264
919200 Nesting Box	20 1/2	521	17	432	12	305
920100 Nesting Box	11 3/4	298	8 3/4	222	4 1/8	105
920110 Lid	11 3/4	298	8 3/4	222		
921100 Nesting Box	6 1/8	156	4 7/8	124	2 1/8	54
921110 Lid	6 1/8	156	4 7/8	124		
922100 Nesting Box	9 3/4	248	6 1/8	156	2 1/8	54
922110 Lid	9 3/4	248	6 1/8	156		
923100 Nesting Box	9 3/4	248	9 1/4	235	4 1/2	114
923110 Lid	9 3/4	248	9 1/4	235		
924100 Nesting Box	9 3/4	248	9 1/4	235	2 1/8	54
925140 Nesting Box	20 1/2	521	17	432	10 3/8	264
926100 Nesting Box	9 3/4	248	6 1/8	156	4 1/2	114
929000 Nesting Box	22	559	16 1/2	419	4 1/4	108
930100 Nesting Box	12 3/8	314	9 3/4	248	2 1/8	54
930110 Lid	12 3/8	314	9 3/4	248		
931000 Nesting Box	28 7/8	733	20 3/8	518	10	254

\*All dimensions top outside

## Nesting Box, Stacks on Lid



## Nest and Stack Boxes



## Stacking Boxes



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