

# PLASTIC SCINTILLATOR SHEET SIZES AND THICKNESS TOLERANCES

STANDARD CAST SHEET SIZES					
Thickness		Thickness Tolerance		Sheet Size	
(mm)	(in)	(mm)	(in)	(cm)	(in)
5	0.2	+ 0.56 / - 0.46	+ 0.022 / - 0.018	60 × 101	24 × 40
6.4	0.25	+ 0.64 / - 0.51	+ 0.025 / - 0.020	60 × 101	24 × 40
10	0.4	± 0.51	± 0.020	60 × 203	24 × 80
12.7	0.5	± 0.64	± 0.025	60 × 203	24 × 80
15	0.6	± 0.70	± 0.028	60 × 203	24 × 80
20	0.8	± 0.73	± 0.029	60 × 203	24 × 80
25	1	± 0.75	± 0.030	60 × 203	24 × 80
38	1.5	± 0.90	± 0.035	60 × 203	24 × 80
50	2	± 2.0	± 0.080	60 × 203	24 × 80
75	3	± 2.5	± 0.100	60 × 101	24 × 40
100	4	± 3.8	± 0.150	60 × 101	24 × 40
125	5	± 6	± 0.240	60 × 101	24 × 40
150	6	± 6	± 0.240	60 × 101	24 × 40

STANDARD THIN FILM SHEET SIZES				
Thickness		Thickness Tolerance	Sheet Size	
(mm)	(in)	(%)	(mm)	(in)
0.1	0.004	± 25	150 × 150	6 × 6
0.25	0.010	± 15	200 × 200	8 × 8
		± 20	250 × 250	10 × 10
0.5	0.0197	± 10	200 × 200	8 × 8
		± 15	250 × 250	10 × 10
1.0	0.0394	± 7.5	200 × 200	8 × 8
		± 10	500 × 500	20 × 20
1.5	0.0591	± 5	200 × 200	8 × 8
		± 7.5	500 × 500	20 × 20
2.0	0.0787	± 4	200 × 200	8 × 8
		± 7.5	500 × 500	20 × 20
3.0	0.118	± 4	200 × 200	8 × 8
		± 5	500 × 500	20 × 20



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