

STANDARD THICKNESS TOLERANCES SHEETS

Test method: IEC/EN 60893-2 4.1

Nominal thickness mm	Etronit	Etronax		G-Etronax	
	I, II, IIQ, IIQ S, IIQ S AL, IIQ R, MBM	MF, MFG, MFP G, P EP	MMF, MMM	B, EP 10, EP 203, EP 11, EP 215 S, EP S, EP FR4, EP 311 HC, PI, SI	PM GPO 3, PM 953, PM H
0.2	± 0.05	± 0.10	± 0.10	± 0.06	
0.3	± 0.06	± 0.10	± 0.10	± 0.08	
0.4	± 0.07	± 0.12	± 0.12	± 0.10	
0.5	± 0.08	± 0.14	± 0.13	± 0.12	
0.6	± 0.09	± 0.15	± 0.14	± 0.13	
0.8	± 0.10	± 0.19	± 0.15	± 0.16	± 0.23
1.0	± 0.12	± 0.20	± 0.16	± 0.18	± 0.23
1.2	± 0.14	± 0.22	± 0.17	± 0.20	± 0.23
1.6	± 0.16	± 0.24	± 0.19	± 0.24	± 0.23
2.0	± 0.19	± 0.26	± 0.21	± 0.28	± 0.25
2.5	± 0.22	± 0.29	± 0.24	± 0.33	± 0.30
3.0	± 0.25	± 0.31	± 0.26	± 0.37	± 0.35
4.0	± 0.30	± 0.36	± 0.32	± 0.45	± 0.40
5.0	± 0.34	± 0.42	± 0.36	± 0.52	± 0.55
6.0	± 0.37	± 0.46	± 0.40	± 0.60	± 0.60



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Dedication in Composites

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Nominal thickness mm	Etronit	Etronax		G-Etronax	
	I, II, IIQ, IIQ S, IIQ S AL, IIQ R, MBM	MF, MFG, MFP G, P EP	MMF, MMM	B, EP 10, EP 203, EP 11, EP 215 S, EP S, EP FR4, EP 311 HC, PI, SI	PM GPO 3, PM 953, PM H
8.0	± 0.47	± 0.55	± 0.49	± 0.72	± 0.70
10.0	± 0.55	± 0.63	± 0.56	± 0.82	± 0.80
12.0	± 0.62	± 0.70	± 0.64	± 0.90	± 0.90
14.0	± 0.69	± 0.78	± 0.70	± 1.02	± 1.00
16.0	± 0.75	± 0.85	± 0.76	± 1.12	± 1.10
20.0	± 0.86	± 0.95	± 0.87	± 1.30	± 1.30
25.0	± 1.00	± 1.10	± 1.02	± 1.50	± 1.40
30.0	± 1.15	± 1.22	± 1.12	± 1.70	± 1.45
35.0	± 1.25	± 1.34	± 1.24	± 1.95	± 1.50
40.0	± 1.35	± 1.45	± 1.35	± 2.10	± 1.55
45.0	± 1.45	± 1.55	± 1.45	± 2.30	± 1.65
50.0	± 1.55	± 1.65	± 1.55	± 2.45	± 1.75
60.0	± 1.60	± 1.70		± 2.45	± 1.90
70.0	± 1.70	± 1.70		± 2.45	± 2.00
80.0	± 1.80	± 1.80		± 2.50	± 2.20
90.0	± 2.00	± 2.00		± 2.60	± 2.35
100.0	± 2.00	± 2.10		± 2.70	± 2.50

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SHEET SIZES

Grades	Thickness mm	Sizes mm
Etronit: All types except Etronit MBM	0.15-150	1250 x 1250 & 1250 x 2500
Etronit MBM	1.5-150	1250 x 1250 & 1250 x 2500
Etronax MF	0.2-0.9	1250 x 1250 & 1250 x 2500
	1-32	1250 x 1350 & 1250 x 2750
	33-80	1050 x 2050
	81-150	1050 x 1250
Etronax MMF	0.2-150	1250 x 1250 & 1250 x 2500
Etronax MMMF	0.5-150	1250 x 1250 & 1250 x 2500
Etronax MF G & MFP G	1-50	1250 x 1250 & 1250 x 2500
Etronax P EP	2-150	1250 x 1250 & 1250 x 2500
G-Etronax B, EP 10, EP 203, EP 11, EP 215 S, EP S, EP FR4, EP 311 HC, PI, SI	0.15-150	1250 x 1250 & 1250 x 2500
G-Etronax PM GPO 3 & G-Etronax PM 953	0.8-50	1220 x 1220 & 1220 x 2440
G-Etronax PM H	2-100	1030 x 2030

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Dedication in Composites

STANDARD FLATNESS TOLERANCES SHEETS

IEC/EN 60893-2 4.2

Thickness mm	Length	
	1000 mm	500 mm
3 < t ≤ 6	≤ 10 mm	≤ 2.5 mm
6 < t ≤ 8	≤ 8 mm	≤ 2 mm
8 < t	≤ 6 mm	≤ 1.5 mm

The flatness and thickness tolerances are standard according to IEC/EN 60893.
Other tolerances on request.

With regard to updated and current
technical properties, we refer to
www.elektro-isola.com

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