

TECHNICAL SPECIFICATIONS

Copper Material

		AE 73 R	AE 107 R	AE 142 R	AE 175 R	AE 195 R	AE 815 R
Width $\pm 4\%$	mm	930	930	930	930	930	630
	inches	36.61	36.61	36.61	36.61	36.61	24.80
Areal Weight $\pm 10\%$	g/m ²	73	107	142	175	195	815
	lbs/ft ²	0.015	0.022	0.029	0.036	0.040	0.167
SWD $\pm 6\%$	mm	1.23	1.40	1.40	1.36	1.40	1.50
	inches	0.048	0.055	0.055	0.0535	0.055	0.059
LWD $\pm 5\%$	mm	2.54	2.54	2.54	2.54	2.54	3.00
	inches	0.100	0.100	0.100	0.100	0.100	0.118
Thickness $\pm 10\%$	mm	0.102	0.102	0.152	0.090	0.152	0.500
	inches	0.004	0.004	0.006	0.0036	0.006	0.020
Open Area $\pm 8\%$	%	80	75	80	55	65	50
Resistance m Ω /□	LWD	≤ 3.12	≤ 2.10	≤ 1.60	≤ 1.30	≤ 1.10	≤ 0.34
	SWD	≤ 12.00	≤ 6.30	≤ 4.80	≤ 3.70	≤ 3.60	≤ 1.00

Flattened Copper Material

		AE 73	AE 107	AE 142	AE 175	AE 195	AE 815
Width $\pm 4\%$	mm	930	930	930	930	930	630
	inches	36.61	36.61	36.61	36.61	36.61	24.8
Areal Weight $\pm 10\%$	g/m ²	73	107	142	175	195	815
	lbs/ft ²	0.015	0.022	0.029	0.036	0.040	0.167
SWD $\pm 6\%$	mm	1.23	1.40	1.40	1.36	1.40	1.50
	inches	0.048	0.055	0.055	0.0535	0.055	0.059
LWD $\pm 5\%$	mm	2.54	2.54	2.54	2.54	2.54	3.00
	inches	0.100	0.100	0.100	0.100	0.100	0.118
Thickness $\pm 10\%$	mm	0.051	0.051	0.076	0.045	0.076	0.254
	inches	0.002	0.002	0.003	0.0018	0.003	0.010
Open Area $\pm 8\%$	%	80	75	80	55	65	50
Resistance m Ω /□	LWD	≤ 3.12	≤ 2.10	≤ 1.60	≤ 1.30	≤ 1.10	≤ 0.34
	SWD	≤ 12.00	≤ 6.30	≤ 4.80	≤ 3.70	≤ 3.60	≤ 1.00



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