



Shin-Etsu Film

Capacitor-related Materials

Shin-Etsu Capacitor-grade Aluminium Foil



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Aluminum foil is another material that is essential for capacitor production. Our lineup includes products of many thicknesses, from capacitor-grade aluminum sheets (for electrodes) to aluminum foil (5-6 μm). These are available in any desired widths.



General properties and product specifications

Item	Unit	Characteristic values	
Thickness	μm	5 - 7	
Width	mm	200 - 700	
Length	m	2,000 - 3,000	
Inside diameter	mm	75	
Outside diameter	mm	200 - 300	
Core type		Paper core, steel core	
Chemical constituents	Al	%	≥ 99.30
	SitFe	%	≤ 0.700
	Cu	%	≤ 0.100
	Mn	%	≤ 0.050
	Zn	%	≤ 0.050
	Mg	%	≤ 0.050

Products conform with JIS H 4160 (aluminum and aluminum alloy foils) and AIN30H-O.

(The above values are measured values, not standard values)

Contact Shin-Etsu for information about our capacitor-related materials.

Shin-Etsu Film Co., Ltd.

Stage Uchikanda, 3-8, Uchikanda 1-chome, Chiyoda-ku, Tokyo, 101-0047, Japan TEL+81-3-3259-1061

FAX+81-3-3259-1064

<http://www.shinetsu-film.co.jp>