

Technical Data – HB836

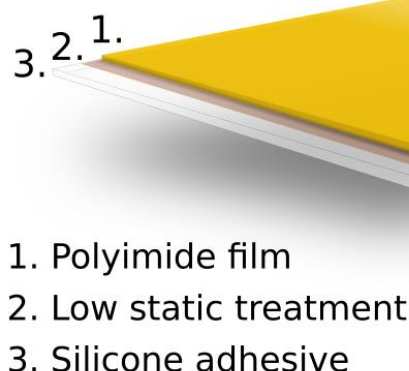
Anti-static polyimide film with silicon adhesive for anti-static insulation.

Product description

- Anti-static polyimide film with silicone adhesive
- High temperature resistance, excellent chemical and electrical resistance, anti-static insulation properties
- Colour: Amber

Construction

- Polyimide film (25±2µm)
- Low static treatment
- Silicone adhesive



Technical data

Item	Unit		Spec.		Test method
Base thickness	µm	Inch	25±2	.001	ASTM D3652
Total thickness	µm	Inch	50±5	.002	ASTM D3652
Peel strength	gf/25mm	lbf/in	630	1.39	ASTM D3330
Tensile strength	kg/25mm	lb/in			ASTM D3759
Temperature resistance	°C	°F	200	392	-
Chemical resistance	-	-	Good	-	(20% HCl, NaOH / 20hrs)
Dielectric strength	kV/mm	-	118	-	ASTM D149
Dielectric breakdown	kV	-	5.9	-	ASTM D149
Conductivity	Ω/cm	S/m	3 x 10 ⁷	3 x 10 ⁹	-
Surface resistivity	Ω/sq	-	6 x 10 ⁹	-	ASTM D257

Application

1. Anti-static insulation applications
2. Protecting components against static discharge

Note

Unless stated otherwise all values given are average. All of the tapes in our range should be thoroughly tested on the substrates in the particular application they are intended for. Hi-Bond Tapes Ltd. will not be responsible for product failure unless full testing has been completed. The customer has to decide on the tapes suitability for the intended application.