

Technical Data – HB850

V2.0 10.07.18

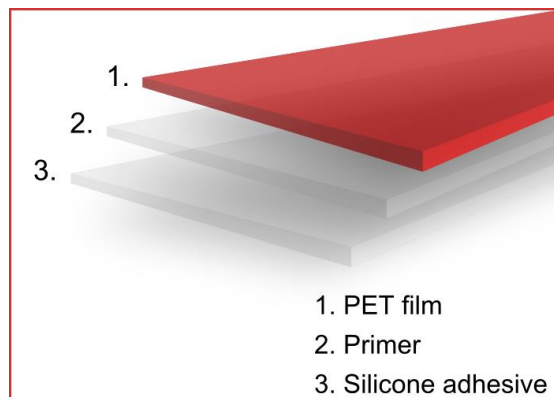
Excellent chemical and solvent resistant, high temperature polyester film. Leaving no residue upon removal it provides ideal electrical, powder coating, electro-plating and anodizing masking.

Product description

- Silicone pressure sensitive adhesive tape
- Colour: Green, Yellow, Blue, Red

Construction

- PET film (25±2µm)
- Primer
- Silicone adhesive
- Available in log rolls, die-cuts or slit to specific widths



1. PET film
2. Primer
3. Silicone adhesive

Technical data

Item	Unit		Spec.		Test method
Base Thickness	µm	Inch	25±2	.001	ASTM D3652
Total thickness	µm	Inch	65±3	.003	ASTM D3652
Peel Strength	g/inch	lb/inch	750±100	1.65±0.22	ASTM D3330
Tensile Strength	kg/inch	lb/inch	25~28	55~62	ASTM D3759
Elongation	%	-	100~130	-	-
Temperature Use Range	°C	°F	-50~+180 Long Term > 200 Short Term	-58~356 Long Term > 392 Short Term	-
Breakdown Voltage	kV	-	5	-	ASTM D149
Chemical Resistance	-	-	Good	(20% HCl, NaOH / 20hrs)	-

Application

1. Powder coating and electro – painting masking
2. Splicing siliconized papers and films

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.



High Performance Tapes and Adhesive Products

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