

Technical Data – HB910A

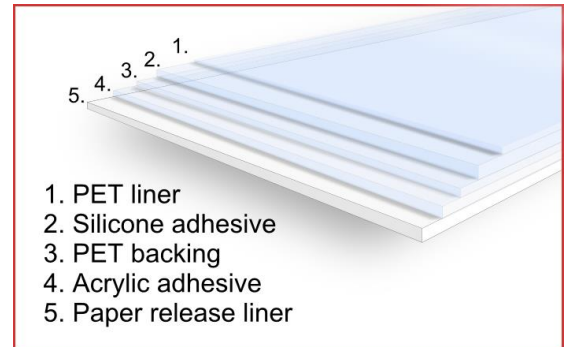
Double-sided polyester with a differential adhesive. One side acrylic and the other side silicon for bonding silicon rubber profiles and extrusions. Ideal for bonding LED strip lighting encapsulated with silicon rubber.

Product description

- Double sided polyester with a differential adhesive: one side acrylic and one side silicone
- Colour: transparent

Construction

- PET fluoro-silicone liner
- Silicone Adhesive (55±2µm)
- PET backing (25µm)
- Acrylic adhesive (30±2µm)
- Paper release liner



1. PET liner
2. Silicone adhesive
3. PET backing
4. Acrylic adhesive
5. Paper release liner

Technical data

Item	Unit		Spec.		Test method
Total thickness	µm	Inch	110±5	.0043	ASTM D3652
Peel Strength (Si)	gf/25mm	lbf/in	1400±50	3.09±0.11	ASTM D3330
Peel Strength (A)	gf/25mm	lbf/in	1000±50	2.20±0.11	ASTM D3330
Tensile Strength	kg/25mm	lb/in	>10	> 22	ASTM D3759
Elongation	%	-	>70	-	ASTM D3759
Temperature resistance	°C	°F	-40 ~ +180	- 104 ~ +356	-
Breakdown Voltage	kV	-	4	-	ASTM D149
Chemical Resistance	-	-	Good	-	(20% HCl, NaOH / 20hrs)

Application

1. Bonding silicone rubber profiles and extrusions
2. Bonding LED strip lighting encapsulated with silicone rubber

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.



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