

## Technical Data – HB910A

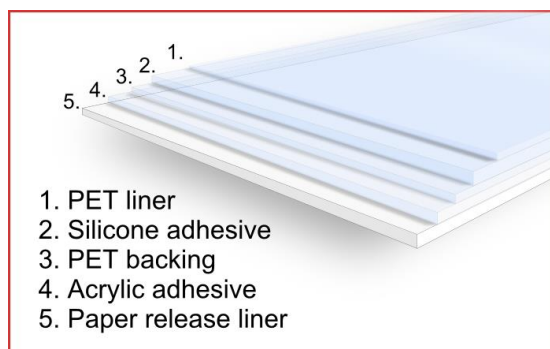
Double-sided polyester with a differential adhesive. One side acrylic and the other side silicon for bonding silicon rubber profiles and extrusions. Ideal for bonding LED strip lighting encapsulated with silicon rubber.

### 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



### Technical data

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