

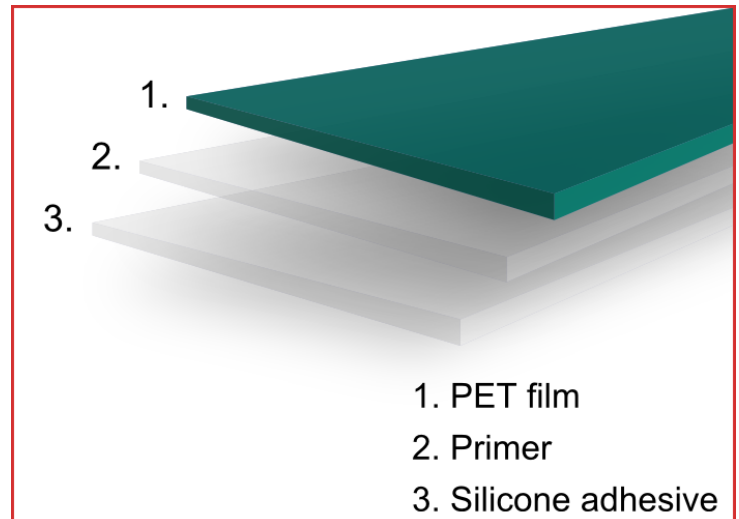
# Technical Data – HB857DG

## Product description

- Silicone pressure sensitive adhesive tape
- Dark green colour

## Construction

- PET film
- Primer
- Silicone adhesive



1. PET film
2. Primer
3. Silicone adhesive

## Technical data

| Item                  | Unit    |         | Spec.                                  |                                       | Test method |
|-----------------------|---------|---------|--|---------------------------------------|-------------|
| Base Thickness        | µm      | Inch    | 50±2                                   | .002                                  | ASTM D3652  |
| Total thickness       | µm      | Inch    | 80±3                                   | .003                                  | ASTM D3652  |
| Peel Strength         | g/inch  | lb/inch | 1150±150                               | 2.54                                  | ASTM D3330  |
| Tensile Strength      | kg/inch | lb/inch | 23~25                                  | 50~55                                 | ASTM D3759  |
| Elongation            | %       | -       | 8                                      | -                                     | ASTM D3759  |
| Temperature Use Range | °C      | °F      | -50~+180 Long Term<br>> 200 Short Term | -58~356 Long Term<br>> 392 Short Term | -           |
| Breakdown Voltage     | kV      | -       | 7                                      | -                                     | 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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