

Technical Data – PSA850

V2.0 10.07.18

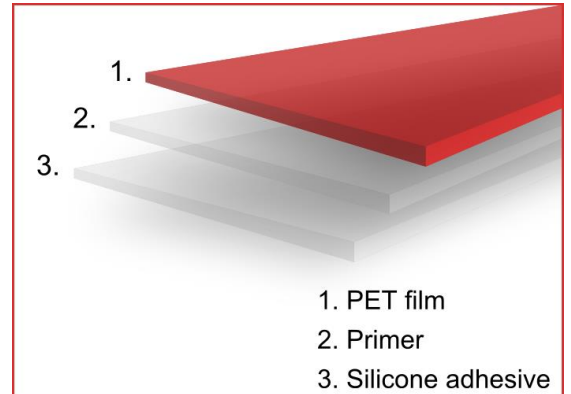
Excellent chemical and solvent resistant, high temperature polyester film. Leaving no residue upon removal it provides ideal electrical, powder coating, electro-plating and anodizing masking.

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



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. PSA Solutions Ltd. will not be responsible for product failure unless full testing has been

