

eSORBA SRP series

Technical information (SR J-DC)

1. Introduction

Esorba DC series is a newly developed product group to deliver the additional value to the customers by providing simplified process and cost reduction. These new benefits to the customers result from the adhesive layer of the foam which can eliminate tape laminating process and the better performance with the thicker foam layer compared to the equivalents in the market.

2. Applications

- Main & Sub-LCD gasket of small electronic devices
- Shock absorption, vibration damping to protect electronic parts

3. Technical data

All data hereunder are the representative value and do not mean the specification of the product. Also, this should not be accepted as a guarantee of their accuracy, and confirming tests should be run in your own plant or laboratory.

Foam Layer

Properties	Unit	Values	Test method
Thickness	mm	0.2~0.3	Thickness Gauge
Density of foam	g/cm ³	0.50	ASTM D3574-05
Standard Color		Black	
25% CFD	kgf/cm ²	0.3	ASTM D3574-05
Compression Set	% average	5.0	ASTM D3574-05
Dimensional Stability	% max change	± 2	22hrs at 80 °C
Ball Rebound	%	21	ASTM D3574-05

* Thickness means the total thickness of the product including adhesive layer

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Adhesive Layer

Properties	Unit	Values	Test method
base PET thickness	mm	0.012	Thickness Gauge
adhesive thickness	mm	0.025	Thickness Gauge
Initial adhesion (on SUS)	g / inch	896	2Kg roller, 180 peel
Initial adhesion (on PC)	g / inch	800	2Kg roller, 180 peel
Permanent adhesion (on SUS)	g / inch	1,408	2Kg roller, 24hr, 180 peel
Permanent adhesion (on PC)	g / inch	1,552	2Kg roller, 24hr, 180 peel
Thermal stability		130 °C / NC	

4. Packing & Availability

- Log roll size
520 mm x 100m
- Packing
1 roll each , wrapped by PE bag in a carton box
- Export packing
Max 240 boxes in a 20ft dry container

5. Storage

- Please keep in a dried condition at room temperature.
- For toxicity and other cautions, please refer to MSDS