

eSORBA SRP series

Technical information (SR L-TF)

1. Introduction

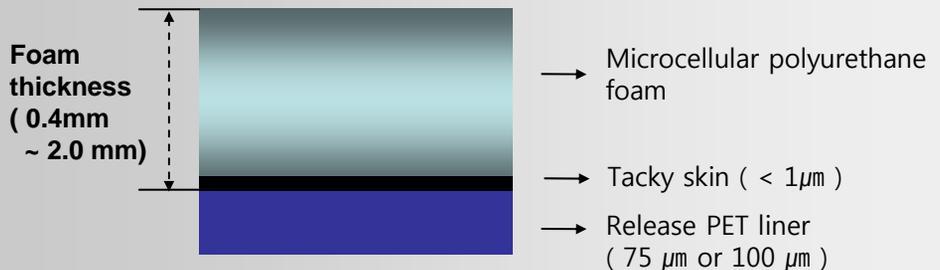
eSORBA SRP TF series has been developed to meet increasing needs from customers requiring better dust sealing property of the gasket for mobile phone. Its key properties are basically same to those of existing SRP series which has slow rebound property, but it is very unique in that it has tacky surface in its own. Also, for more compressible product, SR L TF series is made to have lower density compared to existing products widely used in the market and does not include supporting PET.

SR L TF series' features can be summarized as follows;

- * Tacky surface
- * Low density & no use of supporting PET to give better compression rate
- * Soft surface for better conformability
- * Stronger foam strength to lessen particle generation

These advantages of the product have led to explosive inquiries from mobile phone designers. This unique product will be widely applied to future trend mobile phone designs, we believe.

2. Structure



3. Key applications

- Main & Sub-LCD gasket for cellular phone, PDA, small game device
- Vibration damping around speaker, microphone, vibration motors in cellular phone
- Shock absorption pad for Notebook and small electronic devices

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4. Technical data

| Properties | Unit | Values | Test method |
|----------------------------------|----------------------------------|----------------------------------|---------------|
| Density | g / cm ³ | 0.16 | ASTM D3574-05 |
| 25% CFD | kgf / cm ² | 0.13 | ASTM D3574-05 |
| Compression set ¹⁾ | % | 2.9 | ASTM D3574-05 |
| Compression rate (Max) | % | 84 | ASTM E595 |
| Releasing strength ²⁾ | g/ inch | > 50 (on SUS) > 50 (on Glass) | ASTM D3330 |
| 1) | 22hrs, 50% compression, at 70 °C | | |
| 2) | 90 degree peel test | | |

All data herein 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.

5. Availability

| Product code | Thickness (mm) | Compressed thickness (Max, mm) |
|--------------|----------------|--------------------------------|
| SR L040TF | 0.4 | 0.06 |
| SR L050TF | 0.5 | 0.08 |
| SR L070TF | 0.7 | 0.11 |
| SR L100TF | 1.0 | 0.16 |

6. Packing

- Log roll size
520 mm x 50m (over 1.0mm), 100m (under 1.0mm)
- Packing
1 roll each , wrapped by PE bag in a carton box

7. Storage

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