

**Z-Foam®800-01FC Series** is a silicone foam extruded product developed by Zhaoke, specifically designed for thermal insulation applications.

We offer different hardness and thickness specifications to provide more flexible options. At the same time, fiberglass can also be added to reinforce the product, improving dimensional stability and increasing tear strength.

### Features

- » Resistant to UV rays, ozone, and extreme temperatures
- » Strong sealing capability
- » Light-blocking, vibration-damping, and fire-resistant
- » Good elasticity and resistance to compression deformation
- » Excellent aging resistance

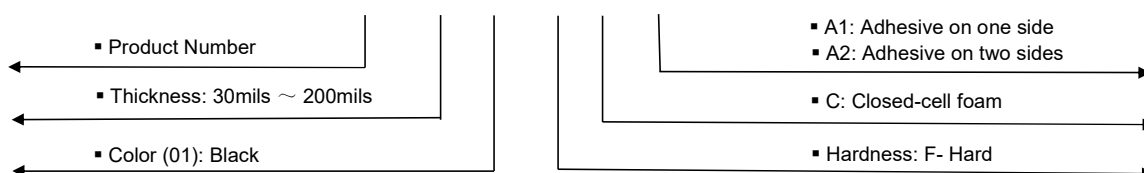
### Application

- » Electric Vehicle Power Battery Pack
- » LED TV
- » Communication and Electrical Equipment
- » Transportation Equipment
- » Electronic Products



| Z-Foam®800-01FC Series       |                 |                |
|------------------------------|-----------------|----------------|
| Properties                   | Value           | Test method    |
| Color                        | Black           | Visual         |
| Structure & Components       | Silicone rubber | -              |
| Hardness (Shore C)           | 30              | ASTM D2240     |
| Density (g/cm <sup>3</sup> ) | 0.8             | ASTM D792      |
| Tensile Strength (Psi)       | 45              | ASTM D412      |
| Compression ratio @20psi (%) | 20              | ASTM D575      |
| Dielectric constant @1MHz    | 1.4             | ASTM D149      |
| Temperature Range (°C)       | -40~300         | -              |
| Flame Rating                 | V-0             | UL94 (E331100) |

### Product Identifier → Z-Foam8 00 - 01 F C - A1



**Standard Sheet Size :** The color, specifications, shape, and hardness can all be customized by the customer. Customers can also provide matching samples, or the product can be designed based on the accessories.

#### Global solutions: Local support

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