

## VieTape SIF7001

### SILICONE FOAM - CLOSED CELL

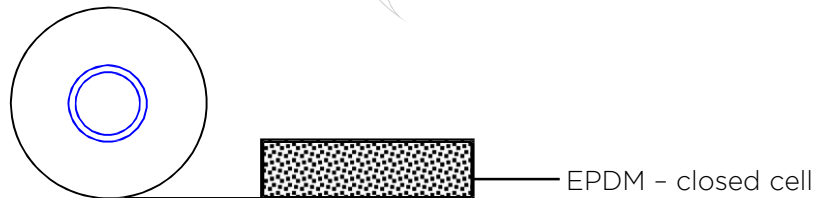
#### DESCRIPTION

Vietape SIF7001 - Silicone Foam is an ultra-soft material offering exceptional low density, low stress, and excellent compression set properties. Designed to outperform traditional foams, it exhibits outstanding resistance to extreme temperatures (-50°C to 200°C) and meet flame retardant (V-0 rating). This silicone foam also boasts superior aging and weather resistance, making it an ideal choice for applications demanding shock absorption, cushioning, insulation, and fire protection.

#### APPLICATION

General applications: Damping, gasket, insulation, cushioning, shock absorption

#### STRUCTURE



#### FEATURES

| Item                              | Unit    | Parameter        | Notes          |
|-----------------------------------|---------|------------------|----------------|
| Color                             | -       | Black, Gray...   | -              |
| Thickness                         | mm      | 1; 1.5; 2; 3...  | Optional       |
| Compression Set                   | %       | <5               | @50%,70°C,22hr |
| Tensile Strength                  | kPa     | 300 ± 30         | ASTM D412      |
| Elongation                        | %       | 80               | ASTM D412      |
| Hardness                          | Shore C | 15-20            | -              |
| Water Absorption                  | %       | <5%              | ASTM D1056     |
| Long- term temperature resistance | °C      | - 50 to 200      | -              |
| Volume resistivity                | Ohm-cm  | 10 <sup>14</sup> | ASTM-D257      |

#### SHELF LIFE

12 months from date of manufacture when stored at 21°C to 38°C (69°F to 100°F) and 55% relative humidity.

The above values are sample observed values, we do not guarantee the actual performance due to the different of application method, bonding design, bonding substrate.. We highly recommend customer to test in the real part

