

## Saint-Gobain COHRLastic® 1025 General-Purpose Electrical-Grade Silicone Coated Fabric

Category : Polymer , Thermoset , Silicone

### Material Notes:

Description: Saint Gobain Performance Plastics CHR standard COHRLastic silicone coated fabrics, available from stock, have silicone rubber dispersion coated on both sides of fiberglass. They are thin and tough, dimensionally stable yet flexible. Their many applications include belting, vacuum blankets, thermal shielding and diaphragms. The 1000 series has superior electrical properties and good abrasion resistance, while the 3000 series has a smoother, more compressible coating for gasketing applications. SGPPL also has extensive special order capabilities. All data based on a 0.016 inch test sample. Information provided by Saint Gobain Performance Products.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Saint-Gobain-COHRLastic-1025-General-Purpose-Electrical-Grade-Silicone-Coated-Fabric.php](http://www.lookpolymers.com/polymer_Saint-Gobain-COHRLastic-1025-General-Purpose-Electrical-Grade-Silicone-Coated-Fabric.php)

| Physical Properties | Metric     | English    | Comments      |
|---------------------|------------|------------|---------------|
| Specific Gravity    | 1.175 g/cc | 1.175 g/cc | Woven Density |

| Mechanical Properties | Metric    | English | Comments                                         |
|-----------------------|-----------|---------|--------------------------------------------------|
| Elongation at Break   | <= 10 %   | <= 10 % | ASTM D374                                        |
| Flexural Strength     | 5.52 MPa  | 800 psi | Burst Strength                                   |
| Tear Strength Test    | 39.6      | 39.6    | lbm Strength in Fill/Transverse direction        |
|                       | 39.6      | 39.6    | lbm, for strength in Warp/Longitudinal direction |
| Tear Strength         | 52.6 kN/m | 300 pli | Fill/Transverse direction                        |
|                       | 61.4 kN/m | 350 pli | Warp/Longitudinal direction; ASTM D1000          |

| Thermal Properties               | Metric    | English   | Comments |
|----------------------------------|-----------|-----------|----------|
| Maximum Service Temperature, Air | 260 Â°C   | 500 Â°F   |          |
| Minimum Service Temperature, Air | -53.9 Â°C | -65.0 Â°F |          |

| Descriptive Properties | Value | Comments |
|------------------------|-------|----------|
| Color                  | White |          |
| Thread Count (Fill)    | 18    |          |
| Thread Count (Warp)    | 20    |          |
| Weight (oz/yd^2)       | 22    |          |

## Contact Songhan Plastic Technology Co.,Ltd.

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