

Primary SG26

GLASS-PTFE

Saint-Gobain Performance Plastics CHR® Primary SG26 is fiberglass fabric impregnated with PTFE (polytetrafluoroethylene) dispersion and coated with high-temperature, pressure-sensitive silicone adhesive.

Typical Properties

| Product Number | SG26-03 | SG26-05 | SG26-06 | SG26-10 |
|--------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| Backing Material | PTFE-Coated Fiberglass Fabric | PTFE-Coated Fiberglass Fabric | PTFE-Coated Fiberglass Fabric | PTFE-Coated Fiberglass Fabric |
| Adhesive Type | Clean Release Silicone | Clean Release Silicone | Clean Release Silicone | Clean Release Silicone |
| Total Thickness (in.) | .0050 | .0070 | .0080 | .0110 |
| Backing Thickness (in.) | .0030 | .0050 | .0060 | .0090 |
| Adhesive Thickness (in.) | .0020 | .0020 | .0020 | .0020 |
| Adhesion to Steel (oz./in.) | 45 | 50 | 55 | 70 |
| Elongation (% at break) | <5 | <5 | <5 | <5 |
| Operating Temperature (°F) | -100 to 500 | -100 to 500 | -100 to 500 | -100 to 500 |
| Color | Natural | Natural | Natural | Natural |

Values shown are typical. Certified test reports for writing specifications are available.

Applications—Saint-Gobain Performance Plastics Primary SG26 is frequently used by the packaging industry as a release surface on heat sealers, blister formation and form-fill-seal equipment. The durability and anti-stick properties of SG26 also make it an ideal material for the lining of guide rails, chutes and slides. The high temperature capabilities and non-stick properties of SG26 allow it to perform as an excellent release surface in the composite aircraft industry.

Features/Benefits—SG26 is a very durable and versatile product. The combination of PTFE, fiberglass and a high temperature silicone adhesive allows SG26 to perform in continuous

temperatures up to 500°F. SG26 is dimensionally stable and resistant to tears, punctures, abrasion and wear. It will not “cold flow” under heavy loads.

Availability—SG26 is available in 3, 5, 6 and 10 mil thicknesses and widths from 1/4" to 39" wide. Standard roll length is 18 or 36 yards long. SG26 is available with or without a liner.

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