



CHR[®]TAPE

Specialized for Extreme Conditions

Primary SG25 GLASS-PTFE

Saint-Gobain Performance Plastics Primary SG25 is fiberglass fabric impregnated with PTFE (polytetrafluoroethylene) dispersion and coated with high-temperature, pressure-sensitive silicone adhesive.

Features/Benefits

SG25 is a very durable and versatile product. The combination of PTFE, fiberglass and a high-temperature silicone adhesive allows **SG25** to perform in continuous temperatures up to 500°F.

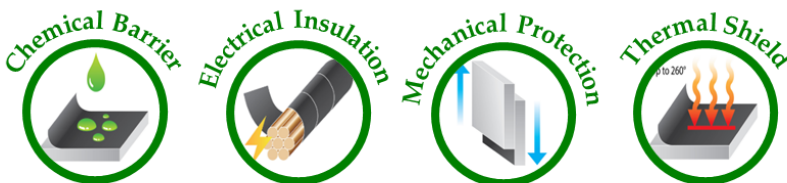
SG25 is dimensionally stable and resistant to tears, punctures, abrasion and wear. It will not “cold flow” under heavy loads.

Availability

SG25 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. **SG25** is available with or without a liner.

Applications

Saint-Gobain Performance Plastics Primary **SG25** 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 **SG25** also make it an ideal material for the lining of guide rails, chutes and slides. The high-temperature capabilities and non-stick properties of **SG25** allow it to perform as an excellent release surface in the composite aircraft industry.



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Primary SG25 Properties

Product Number	SG25-03	SG25-05	SG25-06	SG25-10
Backing Material	PTFE-Coated Fiberglass Fabric	PTFE-Coated Fiberglass Fabric	PTFE-Coated Fiberglass Fabric	PTFE-Coated Fiberglass Fabric
Adhesive Type	Super Stick Silicone	Super Stick Silicone	Super Stick Silicone	Super Stick Silicone
Total Thickness (in.)	.0053	.0073	.0083	.0115
Backing Thickness (in.)	.0030	.0050	.0060	.0090
Adhesive Thickness (in.)	.0023	.0023	.0023	.0025
Adhesion to Steel (oz./in.)	50	60	65	80
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.



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