

G Series

GLASS-CLOTH

Saint-Gobain Performance Plastics CHR® G551, G561, G565 and G569 are manufactured from electrical grade fiberglass cloth backing coated with clear pressure-sensitive adhesive.

Typical Properties

Product	G551	G561	G565	G569
Backing Material	Glass-Cloth	Glass-Cloth	Glass-Cloth	Glass-Cloth
Adhesive Type	Thermosetting Rubber	Silicone	Silicone	Acrylic
Total Thickness (in.)	.0070	.0070	.0070	.0070
Backing Thickness (in.)	.0045	.0045	.0045	.0045
Adhesive Thickness (in.)	.0025	.0025	.0025	.0025
Adhesion to Steel (oz./in.)	50	35	35	30
Tensile Strength (lbs./in.)	150	150	150	150
Dielectric Strength (volts)	3500	3500	3500	3000
Direct Electrolytic Corr.	1.0	1.0	1.0	1.0
Operating Temperature (°F)	0 to 350	-100 to 500	-100 to 500	-20 to 350
Insulation Class (°C)	130	180	200	155
Chlorides	—	—	—	<50
Color	White	White	White	White

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

Applications—G551, G561, G565 and G569 are constructed to offer excellent solvent and flagging resistance. The high conformance and strength/weight ratio makes G551, G561, G565 and G569 good candidates for oil and motor applications.

Features/Benefits—G551, G561, G565 and G569 feature a tough abrasion resistance and excellent mechanical and electrical properties. They are also highly conformable and non-corrosive. G551, G561, G565 and G569 meet Underwriters Laboratories Guide OANZ2, and File E51201 specifications.

They are manufactured with non-halogen materials.

Availability—Factory stock for all G Products is in master rolls 60 yards by 23". Rolls can be slit in widths ranging from 1/4" to full width. They are available with or without a liner.

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Limited Warranty: For a period of 6 months from the date of first sale, Saint-Gobain Performance Plastics Corporation warrants this product(s) to be free from defects in manufacturing. Our only obligation will be to provide replacement product for any portion proving defective, or at our option, to refund the purchase price thereof. User assumes all other risks, if any, including the risk of injury, loss or damage, whether direct or consequential, arising out of the use, misuse, or inability to use this product(s). SAINT-GOBAIN PERFORMANCE PLASTICS DISCLAIMS ANY AND ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

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AFF-1115-PDF-0304-SGCS