

G Series

GLASS-CLOTH

Saint-Gobain Performance Plastics **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 (mm)	0.178	0.178	0.178	0.178
Backing Thickness (mm)	0.114	0.114	0.114	0.114
Adhesive Thickness (mm)	0.064	0.064	0.064	0.064
Adhesion to Steel (N/cm)	5.5	3.8	3.8	3.3
Tensile Strength (N/cm)	263	263	263	263
Dielectric Strength (volts)	3500	3500	3500	3000
Direct Electric Corr.	1.0	1.0	1.0	1.0
Operating Temperature (°C)	-18 to +177	-73 to +260	-73 to +260	-29 to +177
Insulation Class (°C)	130	180	180	155
Chlorides	-	-	-	<50
Colour	White	White	White	White

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 55m x 584mm wide. Rolls can be slit in widths ranging from 6.35mm to full width. They are available with or without a liner.

Saint-Gobain Performance Plastics Sales and Distribution facilities are situated at the following locations:

Ireland

Tel. + 353 65 6820988
Fax. + 353 65 6820993
E-mail: aff.europe@saint-gobain.com

Germany

Tel. +49 221 9714080
Fax. +49 221 97140835
E-mail: aff.germany@saint-gobain.com

France

Tel. +33 4 68635353
Fax. +33 4 68632646
E-mail: aff.france@saint-gobain.com

UK

Tel. +44 1706 746900
Fax. +44 1706 746991
E-mail: aff.uk@saint-gobain.com

Italy

Tel. +39 041 5350203
Fax. +39 041 2668908
E-mail: aff.italy@saint-gobain.com

Spain

Tel. +34 96 1536170
Fax. +34 96 1520757
E-mail: aff.spain@saint-gobain.com

www.plastics.saint-gobain.com

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