



General Silicones Announces High Accuracy ACF Bonding Silicone Rubber Sheets

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Technology used by the hi-tech industry is now available for all sectors using heat press processes

Hsinchu, Taiwan, September 30, 2020 ? Experienced silicone products maker, General Silicones (GS), is pleased to release details of its new and improved ACF (Anisotropic Conductive Film) bonding sheets, suitable for LCD panel manufacturing and for other industries that use a hot pressing process. GS (TPEx: 4730) has been a reliable supplier and partner of leading panel manufacturers for many years. Now, addressing the demand for higher resolutions in the panel industry, GS has developed new ACF bonding sheets that meet all customer requirements and enhance the pressing process to ensure accuracy.

Non-deforming, High Heat Transfer ACF Bonding Sheets

The display panel market is moving towards narrower borders and finer pitch design requirements. Avoiding size variations of the electrodes due to pressure variations and ensuring accurate positioning is getting highly essential, and therefore the heat press process has to be finely controlled.

GS is pleased to be able to provide products which meet these requirements. Even after ten heat presses,

GS bonding sheets, such as #GSC-84016, show very little change in thickness and thermal conductivity. GS bonding sheets are also free of any problems with residual glue after the process is completed and can offer high tear strengths of 33.2kgf/cm and high durability.

Custom-designed Teflon Coated Glass Fiber Composite Bonding Sheets for ACF Bonding Equipment

Depending on the machines and products, GS can customize ACF Bonding Silicone Rubber Sheets with different composite materials, such as Teflon Coated Glass Fiber composite and polyimide film. GS's ACF Bonding Sheets are available in four different varieties:

- * Silicone Rubber: The main application is the OLB/PCB production processes.
- * Silicone Rubber and Teflon Coated Glass Fiber: This material provides high-temperature resistance, mainly used for PCB production.
- * Silicone Rubber and Polyimide Film: This material provides high-temperature resistance for OLB/PCB production.
- * Single Glass Fiber layer sandwiched between Silicone Rubber: Used for OLB/PCB production processes.

GS currently provides these top performance materials to well-known panel makers.

GS Silicone Rubber Bonding Sheets ? Ideal for All Hot Pressing Processes

All industries that use hot pressing processes can take advantage of the experience and high-quality of General Silicones. For example, apparel and footwear manufacturers can benefit from the improvements coming from the high tech industry using GS buffer materials for their laminating processes.

Please visit the ACF Bonding Silicone Rubber Sheets section for more information.

More information, please contact gs-ec@gsweb.com.tw, or visit:

General Silicones official website: www.globalsilicones.com

General Silicones Facebook: www.facebook.com/GSsilicone

General Silicones LinkedIn: www.linkedin.com/company/general-silicones-co--ltd-

About General Silicones

General Silicones (GS) was founded in 1970 in Taipei, Taiwan, and is now represented worldwide ? including Europe, China, Japan, and South East Asia countries. GS is not only a major distributor of silicone materials, but also an active silicone products manufacturer with ISO 9001, IATF 16949, and ISO 14001 certifications. The company has manufacturing plants in Hsinchu, Taiwan; Wujiang, China; and Bac Giang, Vietnam. With decades of experience in this field, GS has the ability and capacity to provide a wide range of silicone

products for many industries including medical, automobile, consumer products, electronics and IT. GS listed on Taiwan emergent stock market in 2011 (TPEX: 4730). For more information about GS, please visit <http://www.generalsilicones.com>.

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