



HG SHEET QUICK REFERENCE GUIDE



The lifetime and performance of encapsulated devices, such as OLED displays and lighting, OPV's (organic photovoltaics), organic and printed electronics, and implantable medical devices, are limited by their sensitivity to moisture and oxygen. HG Sheet products are available in a multitude of formulations to meet your specific application needs, protect your device from corrosion, degraded performance, and early failure, without requiring bake-out (drying) or activation time that can slow down your production process.

Here are some of our HG Sheet products:

<u>Product Name</u>	<u>Made Of</u>	<u>Description</u>	<u>Application</u>
HD Type	CaO	Fast absorption of moisture Thicknesses range from 135-300micron	OLED & OPV

<u>Product Name</u>	<u>Made Of</u>	<u>Description</u>	<u>Application</u>
HD-S Type	CaO	Fast absorption of both moisture and oxygen Thicknesses range from 135-300micron	OLED, OPV, & Electronic Devices

<u>Product Name</u>	<u>Made Of</u>	<u>Description</u>	<u>Application</u>
SF Type	CaO and SrO	High performance moisture absorption Low expansion type Thicknesses range from 100-160 micron	OLED & OPV

<u>Product Name</u>	<u>Made Of</u>	<u>Description</u>	<u>Application</u>
LD Type	CaO	Slower absorption of humidity Thicknesses range from 100-300micron	Medical Devices

Various adhesives, sizes, thicknesses, layouts, and packaging (both reel and sheet form) are available. Absorption capacity is a function of HG Sheet size and thickness. Sizes range from 4mm x 4mm to 40mm x 70mm. HG Sheets have a peel and stick adhesive that allows for easy installation with no bake-out process or activation time required.

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* This list may not be a complete representation of all the HG Sheet types we have available.