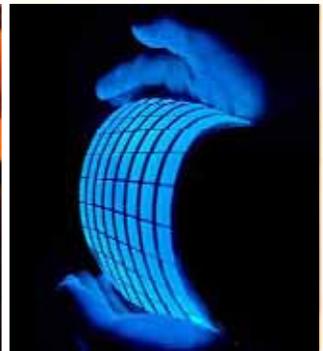


HG SHEET QUICK REFERENCE GUIDE



The lifetime and performance of encapsulated devices, such as OLED displays and lighting, OPV's (organic photovoltaics), and organic and printed electronics 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> HD Type | <u>Made Of</u> CaO | <u>Description</u> Fast absorption of moisture Thicknesses range from 135-300 micron | <u>Application</u> OLED & OPV |
| <u>Product Name</u> HD-S Type | <u>Made Of</u> CaO | <u>Description</u> Fast absorpton of both moisture and oxygen Thicknesses range from 135-300 micron | <u>Application</u> OLED, OPV & Electronic Devices |
| <u>Product Name</u> SF Type | <u>Made Of</u> CaO and SrO | <u>Description</u> High performance moisture absorption Low expansion type Thickness range from 135-300 micron | <u>Application</u> OLED & OPV |
| <u>Product Name</u> LD Type | <u>Made Of</u> CaO | <u>Description</u> Slower absorption of humidity Thickness range from 135-460 micron | <u>Application</u> OLED Devices |
| <u>Product Name</u> SG Type | <u>Made Of</u> CaO and SrO | <u>Description</u> High Performance Type Thickness range from 100-170 micron | <u>Application</u> Electronic Devices |

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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.

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