POLYVANTIS

BRIGHTEN UP YOUR BRAND

LEXAN™ SHEET FOR UNIFORM ILLUMINATION WITH SUPERIOR PERFORMANCE FOR LONG LASTING SIGNS



LEXAN™ SHEET



INTRODUCTION

POLYVANTIS's sign product portfolio helps customers create bright and durable signage. Available in a whole rainbow of colors and textures, LEXAN™ sheet portfolio for sign applications includes some of the toughest and most versatile polycarbonate materials on the market.



SIGNS FOR LIFE



Signs lead a harsh life, suffering the abuse of wind, weather, traffic and vandalism.

Virtually unbreakable, LEXAN polycarbonate sheet stands up to everyday punishment while delivering tremendous value.

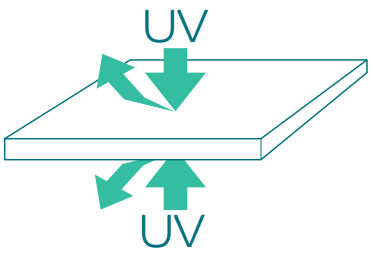
TYPICAL APPLICATIONS

- Channel letters
- Flat signs
- Formed production signs
- Menu boards
- Lighted display shelving
- Digital advertising screens
- Roller shutters
- Projection screens
- Formed 3D Faces



BENEFITS

- **Virtually unbreakable**
  -minimizing replacement costs
- **High heat resistance**
- **Excellent printability (paint and digital inks)**
- **Exceptionally bright, high diffusion grades**
- **Superior UV resistance**
- **Exceptional flame resistance**
- **10 Year Limited Warranty**
- Broad portfolio
  - available in a range of structures,coatings, colors, dimensions and gauges
- UL Listed Sign Grades
  - File # (E121562)
- UV resistant cap-layers on both sides to avoid installation errors resulting in costly rework.



MORE THAN SOLID SHEET

Along with our full line of LEXAN solid sheet products listed on these pages, there's a whole selection of high quality LEXAN polycarbonate film and multiwall sheets to utilize to enhance your brand. Ask your POLYVANTIS representative for more information.

A range of tailor-made LEXAN graphic film products helps deliver top quality performance and unlimited versatility. These materials are characterized by outstanding optical clarity and mechanical strength, consistent printability and ease of processing.

LEXAN Multiwall fluted polycarbonate sheet is a extruded sheet that offers impact resistance, proprietary UV surface treatments and a lightweight material solution for whole host of sign and display applications. These products are available in variety of gauges, sizes and colors.





MATERIAL OVERVIEW

PRODUCT PROPERTY	LEXAN SHEET GRADES				
	SGC100	SGC308	SGC404 & SGC504	SGC510D	MR10/ MR101
High impact resistance	●	●	●	●	●
Formable/Cold Formable	●	●	●	●	
Added UV Resistance	●	●	●	●	●
Accepts Decoration	●	●	●	●	●
UL Recognized	●	●	●	●	●
Warranty Against Breakage	●	●	●	●	●
Clear Warranty Against Yellowing	●	●		●	●
Warranty Against Loss of Light Transmission	●	●			●
White Warranty 10 years Against Yellowing				●	
Available in Spools/Coils	●	●	●	●	
1-side Matte Finish		●			
1-side/2-side Mar Resistance					●
Standard Colors or Tints availability			●	●	●
Custom Colors or Tints availability		●	●		●



AVAILABILITY*

	Full Web Spool Data			1-Side Trimmed Web Data			2-Side Trimmed Web Data			
GAUGE mm/in	Web Width	Net SqFt	Weight (lbs)	Trim Width	Net SqFt	Weight (lbs)	Trim Width	Net SqFt	Weight (lbs)	Coil Length (ft)
2.4/.093	52	2704	1569	52.5	2730	1584	51	2652	1539	624
	64	3328	1931	64.5	3354	1946	63	3276	1901	624
	76	3952	2293	76.5	3978	2308	75	3900	2263	624
3/.118	52	2184	1608	52.5	2205	1623	51	2142	1577	504
	64	2688	1979	64.5	2709	1994	63	2646	1948	504
	76	2483	1828	76.5	2499	1840	75	2450	1804	392
	100	3267	2405	100.5	3283	2417	99	3234	2381	392
3.8/.150	52	1733	1622	52.5	1750	1638	51	1700	1591	400
	64	2133	1997	64.5	2150	2013	63	2100	1965	400
	76	2533	2371	76.5	2550	2387	75	2500	2340	400
	100	3333	3120	100.5	3350	3136	99	3300	3089	400
	102	3400	3120							400
4.5/.177	52	1317	1455	52.5	1330	1469	51	1292	1427	304
	64	1621	1791	64.5	1634	1805	63	1596	1763	304
	76	1925	2126	76.5	1938	2140	75	1900	2098	304
	100	2533	2798	100.5	2546	2812	99	2508	2770	304
	102	2584	2798							
5.6 / .220 web only	52	1083	1487							250
	64									
	76	1583	2173							250
	100	2083	2860							250
	102									
6.0 / .236 web only	52	1083	1595							250
	64									
	76	1583	2332							250
	100	2083	3068							250
	102									

* Custom sizes available upon request, please check with your customer service representative.
LEXAN sheet coil stock available in clear & sign white.
Custom colors are available upon request with minimum order requirements.

PORTFOLIO OF SIGN PRODUCTS

LEXAN SGC100 Sheet
Clear two side polished sign grade, ideal for second surface decoration. Limited warranty against breakage, yellowing, & light transmission loss. Cling-stick masking top and bottom.

LEXAN SGC404 & SGC504 Sheet
For primary white and translucent colors, this polished both sides sheet provides outstanding weatherability. Limited warranty against breakage & surface failure. Cling-stick masking top and bottom

LEXAN SGC510D Sheet
Proprietary white polished-polished sheet offering both uniform light diffusion to eliminate LED "hotspots" and superior light transmission for exceptional brightness. Limited warranty against breakage, yellowing and light transmission loss. Cling-stick masking top & bottom.

LEXAN SGC308 Sheet
Clear sign polished one side and matte textured on the other side, ideal for second surface decoration. Limited warranty against breakage, yellowing, & light transmission loss. Cling-stick masking top & bottom.

LEXAN MARGARD™ MR10/MR101 Sheet
An outdoor weatherable polished-polished sheet available clear or tinted with UV hard coat on either one side or both sides.

NOW PROVIDING A **10 YEAR WARRANTY** FOR OUR FULL SIGN PORTFOLIO.
ALL PRODUCTS COME WITH **UV PROTECTION ON BOTH SIDES**.

With an advanced UV resistance technology the LEXAN Sign sheet portfolio withstand prolonged exposure to harsh sunlight with virtually no change in light transmission or clarity – without sacrificing impact resistance and formability. Second-surface graphics are protected against the effects of discoloration or dulling.



Global Company with Local Services & Supply



POLYVANTIS

www.polyvantis.com

LEXAN™ Tough. Virtually Unbreakable
POLYCARBONATE FILM & SHEET

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