

BACKLIT SOLUTIONS WITH LEXAN™ FILMS

LEXAN™ FILM SOLUTIONS FOR BACKLIT SIGNAGE

SABIC developed a range of tailor-made LEXAN™ Film products that helps deliver top quality performance and virtually unlimited versatility. These materials are characterized by outstanding mar resistance and excellent dimensional stability, as well as good printability without pretreatment. It can be printed using screen UV and solvent inks and Digitally printed using UV or Latex inks. These films can be used over LEDs (light-emitting devices) or fluorescent lighting. Our new LEXAN Film backlit solutions come in clear and in a wide array of white colors and textures.



TYPICAL FEATURES & BENEFITS

- Excellent light diffusion – the combination of textures and transmission light eliminates “hot spots”
- Fire resistance – UL rated (VTM-0 or UL94 V-0)
- Thermal stability / Heat resistance – total solution for global signs
- High impact resistance which reduces accidental breakage during transit and in-use
- Offers a variety of gloss levels and textures
- 100% Recyclable

PROCESSING

- Printable via screen, digital and offset/litho
- Ink receptive surface, accepts UV, solvent, and latex inks
- Dimensional stability offers excellent registration and resolution
- Wide range of web widths up to 60”
- Consistent surface finish, which means no light leaks in the printed area
- LEXAN™ sheet offers ease of finishing and fabrication
- Textured surfaces on LEXAN™ sheet offer mar/scratch resistance

POTENTIAL APPLICATIONS

- Point-of-purchase displays
- Menu boards interior/exterior
- Decorative wraps (beverage dispensers)
- Labels
- Promotional displays
- Decorative lighting

AVAILABLE GRADES

GRADE	COLOUR	SURFACE	GAUGE
LEXAN™ 8B2MBD Film	White	Matte Two Sides	.003 - .020
LEXAN™ 8A23 Film	White	Matte / Polished	.008 - .025
LEXAN™ 8B25 Film	White	Velvet / Matte	.010 - .020
VALOX™ FR1 Film (UL Listed)	White	Matte / Polished	.010 - .020
LEXAN™ 8B35 Film	clear	Velvet / Matte	.008 - .025
LEXAN™ HP92 Film (chemical and abrasion)	Clear	Gloss / Gloss	.007 - .030
LEXAN™ 8010 Film	Clear	Gloss / Gloss	.007 - .030

CONTACT US

Middle East and Africa

Global Headquarters
PO Box 5101
Riyadh 11422
Saudi Arabia
T +966 (0) 1 225 8000
F +966 (0) 1 225 9000
E info@sabic.com

Americas

Specialty Film & Sheet
One Plastics Avenue
Pittsfield, MA 01201
USA
T 1 800 323 3783 (toll-free)
T 1 413 448 6655
F (888) 443 2033
E spinside.sales@sabic.com

Europe

Specialty Film & Sheet
Plasticslaan 1
4612 PX
Bergen op Zoom
The Netherlands
T +31 (0)164 293678
F +31 (0)164 293272
E sfs.info@sabic.com

Asia Pacific

Specialty Film & Sheet
2550 Xiupu Road
Pudong
201319 Shanghai
China
T +86 21 3222 4500
F +86 21 6289 8998
E sfs.info@sabic.com



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