



Lentillusion™ 3D Sheet

SPECIALTY PRINTED DYNAMIC VISUAL EFFECTS

Lenticular printing creates a dynamic visual effect that improves engagement, increases dwell time, and boosts brand recall. With specialty printing, lenticular sheet creates an illusion of depth or motion for high-impact designs with animation, flip, morph, zoom, and other eye-catching effects.

Spartech's Lentillusion™ 3D sheet is clear, print-grade lenticular sheet engineered with precision longitudinal lenses that bring graphic arts and signage to life with reliable 3D and motion effects. Designed to draw attention, Lentillusion™ transforms basic, static imagery and signage into immersive experiences. The perceived shift in depth and movement of lenticular printing stands out in crowded environments, making it an excellent solution for POP displays, retail signage, trade shows, promotional campaigns, souvenirs, home entertainment packaging, and other marketing materials.

TYPICAL APPLICATIONS BY LENS PER INCH (LPI)

- 10-20 LPI: large outdoor displays
- 40-60 LPI: indoor posters, signage
- 75-100+ LPI: postcards, high resolution, booklets

DESIGNED TO SUPPORT

- **Signage and Displays:** Banners, trade show displays, posters, and large-scale outdoor signs.
- **Promotional Merchandise:** Postcards, catalogs, brochures, flyers, business cards, and gift cards.
- **Entertainment:** Home entertainment packaging, magazines, books, album covers, and limited edition collectibles.

VERSATILE SUPPORT FOR INTERACTIVE MARKETING

From towering outdoor signage and retail displays to premium movie posters and limited edition collectibles, Lentillusion™ 3D sheet is a versatile solution for a wide range of interactive marketing materials, giving businesses a powerful promotional advantage that turns heads and shifts perspectives. Spartech's Lentillusion™ 3D sheet combines dynamic visual impact with high-quality print performance for brands looking to push creative boundaries and leave a lasting impression without compromising production reliability.

AVAILABLE SHEET/ROLL DIMENSIONS

- Thickness: 0.010" – 0.060", 0.20" is most common
- Width: 19" – 47"
- Length: 19" – 100"

Call 800-677-4338 or email marketing@spartech.com to order these products.

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Summary of Typical Properties of Lentillusion™ 3D Sheet

Property	Value
Resin	55 Series - APET 65 Series - PETG
Yield Factor @0.018" polish/polish	55 Series – 1,157 in ² /lb 65 Series - 1,211 in ² /lb
Surfaces	Top side – Smooth, gloss Bottom side – lenticular lens
Sheet Length Range (Lens Direction or LD)	Min – 19" (483 mm) LD Max – 100" (2,540 mm) LD
Sheet Width Range	Min – 19" (483 mm) LD Max – 47" (1,194 mm) LD
Surface Tension	Natural ST= 42 dyne
Sheet Length tolerance	-0, +0.0625" (1/16", 1.6 mm)
Sheet Width tolerance	-0, +0.0625" (1/16", 1.6 mm)

LPI Option and Thickness Ranges

LPI	Optimal Gauge mil	Minimum Gauge mil	Maximum Gauge mil	Optimal Viewing Angle°
100	14.00	13.00	15.50	48
100-3D	20.50	19.90	21.20	31
75	18.50	15.00	22.00	49
75-3D	26.00	20.00	32.00	34
60 Wide	21.50	17.50	25.00	53
60 Medium	30.00	24.00	36.00	39
60 Narrow	36.00	28.00	40.00	35
50 (max width 20")	22.80	18.00	28.00	54

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