

100 LPI **LENSTAR** Lenticular Sheet

Lens Design	(a) 100 LPI Universal Lenticular Sheet (b) TRU 100 LPI Universal Lenticular Sheet
Materials	LENSTAR specialty Polyester Resin by Eastman Chemical
Viewing Angle	47°
Viewing Distance	6 inch ~ 2 feet
Pitch Range	(a) 101.25 ~ 101.75 LPI (dependent upon output device) (b) 99.43 ~ 99.47 LPI (dependent upon output device)
Lens Thickness	0.014" (0.355mm) nominal
Standard Stock Sheet	① 28" X 20" or 20" X 28" (508mm X 711mm) ② 14" X 20" (335mm X 508mm) ③ 20" X 14" (508mm X 335mm)
Standard Packing	① 1,500 sheets per pallet ② 3,000 sheets per pallet ③ 1,500 sheets per pallet
Sheet Capabilities	Width from 20" to 50" (508 ~ 1,270mm) Length from 13" to 98" (330 ~ 2,489mm)
Custom Sheet Order	Available upon request subject to min. order quantity per production run
Embossed Lenticules	Parallel to machine direction
Surface Tension	That of natural resin 40 dynes min. No coating is required
Storage Temperature & Humidity	Preferably at room temperature 20 ~ 25° and less than 50% relative humidity
Storage and handling of materials	No stacking of pallets during transportation or in the warehouse
Compliance with Regulations	RoHS, REACH and FDA regulatory information available. No Phthalates contents
Material Safety Data Sheet (MSDS)	Available upon requests
Manufacturing Standards	ISO 9002 Certified
Printing Capabilities	Laminations or direct print via Litho Offset press
Applications	The 100 LPI LENSTAR lenticular sheet is designed for flip, zoom and morph projects, and 3D application where maximum depth is not required. Developed for thinner gauge applications, the 100 LPI lenticular sheet fixed the need of project well in general packaging, book cover, name cards, promotion items and premium products. The TRU 100 LPI comes with a closer pitch range of 99.43 ~ 99.47 LPI which allow CTP with VMR or similar features to minimize the banding phenomenon in lenticular printing.