

TRU 50 LPI **LENSTAR** Lenticular Sheet

Lens Design	TRU 50 LPI Motion Lenticular Sheet
Materials	LENSTAR specialty Polyester Resin by Eastman Chemical
Viewing Angle	54°
Viewing Distance	2 ~ 6 feet
Pitch Range	49.95 LPI (dependent upon output device)
Lens Thickness	0.024" (0.61mm) nominal
Standard Stock Sheet	① 28" X 20" or 20" X 28" (508mm X 711mm) ② 13" X 20" (330mm X 508mm) ③ 20" X 13" (508mm X 330mm)
Standard Packing	① 1,000 sheets per pallet ② 2,000 sheets per pallet ③ 1,000 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 TRU 50 LPI LENSTAR lenticular sheet is a prefer lens to be used for multiple frame animations. With the viewing angle of 54° and focus length of 0.024" (0.61mm), the 50 LPI will provide perfect solution for continuous motions on lenticular post cards from video pictures require the interlacing of high number of frames. The TRU 50 LPI comes with pitch range of 49.95 LPI which allow CTP with VMR or similar features to eliminate banding in lenticular printing