



LENTICULAR

PRODUCT GUIDE

Highly visual and eye-catching. 3-D images in perfection.



POLYCASA Lenticular® 20 LPI are extruded polyethylene terephthalate Glycol (PETG) sheets, particularly created for lenticular use. Thanks to the dynamic technology, this especially for large-format lenticular printing developed sheet, offers unique opportunities to create vivid 3-D images, which seem to jump out of the picture. POLYCASA Lenticular® 20LPI sheets are extremely versatile and perfectly suitable for large-scale advertising campaigns in a highly visual marketplace – set your product apart!

AT A GLANCE

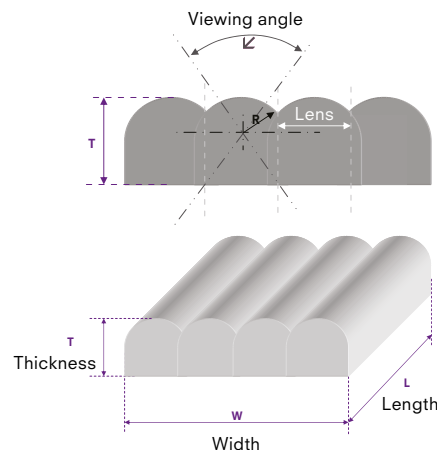
- Especially suitable for 3-D interior applications
- Brilliant clarity
- Excellent ink adhesion
- Stable sheet dimensions
- High impact strength
- Good chemical resistance
- Environmental friendly
- Recyclable
- Meets current food contact legislation

APPLICATIONS

- Large-scale advertising campaigns
- Large format advertising spaces at bus stops, railway stations, airports, sports venues etc.
- Eye-catcher in the area of retail, shop design, shopfitting and exhibition design
- Large format displays and posters
- POS/POP displays
- Wall pictures where a larger viewing distance is required
- Advertising signs

PRODUCT RANGE	
Grade	20 LPI – 3D
Lenses per inch (LPI)	20
Thickness, T (mm)	3.4 (±5%)
Viewing angle	33°
Pitch (mm) (depending on the sheet temperature)	20.29 – 20.36
Max. sheet size (mm)	2050 (//) x 1250
Min. sheet size (mm)	On request
No. of sheets / pallet	80 (880 kg)

Please note: L (//) x W (L //) = Length = parallel lenses



GENERAL			
Properties	Method	Unit	POLYCASA Lenticular®
Density		g/cm ³	1.27
Rockwell hardness	D-785	R-Scale	105
MECHANICAL			
Tensile modulus	53455	MPa	2200
OPTICAL			
Light transmission	5036	%	88

Values are based on measurements taken on 3 mm flat PETG SPECTAR™ sheets.



POLYCASA
YOUR HOME
FOR PLASTICS
AND COMPOSITES

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