

LUMEX[®]

The choice is clear.



Characteristics - LUMEX® A

- 100% recyclable within its own waste category 1 (PET) 
- Tough and hard with high impact strength also at sub-zero temperatures down to -20°C
- Impeccable optical properties with a light transmission of nearly 90% for non-tinted types
- Good outdoor durability in the variant with UV protection
- Approved by FDA/BGA for direct contact with foodstuff and medical applications
- Flame retardant rated 'difficult-to-ignite'
- Very high chemical resistance against cleaning agents, mineral oils, solvents
- Easy and fast to convert – cold bending possible up to 3 mm thickness
- Good printability thanks to optimal adhesion of UV curing inks



Colours and Formats

- Wide range of thicknesses and formats
- Standard formats ex work

PRODUCT RANGE

Product	Standard formats (WxL)	Thickness mm								
		0.5	0.8	1	1.5	2	3	4	5	6
clear-transparent clear-transparent ar (anti reflective) opal 30%	1250 x 2050 mm	■	■ ■	■ ■ ■	■ ■ ■	■ ■ ■	■			
clear-transparent	1250 x 2500 mm						■		■	
clear-transparent clear-transparent ar (anti reflective) opal 30%	2050 x 3050 mm	■	■ ■	■ ■ ■	■ ■ ■	■ ■ ■	■ ■	■	■	■
white - black bronze others translucent others opaque clear-transparent clear-transparent ar (anti reflective) opal 30%	2050 x >1250 - 6050 mm			□ □ □ □ □ □	□ □ □ □ □ □	□ □ □ □ □ □	□ □ □ □ □ □ □	□ □ □ □ □ □ □	□ □ □ □ □ □ □	□ □ □ □ □ □
clear-transparent	2050 x >1250 - 4000 mm	□								

■ Standard formats □ On request

- Cut-to-size formats are available from your local LUMEX® distributor

Characteristics – LUMEX® G

- Enhanced thermoforming capabilities with shorter than usual cycle times
- Doesn't require pre-drying – massive energy savings
- Simplified bonding with solvent based adhesives
- Good resistance against breakage at low temperatures
- Weatherability up to 3 years even for standard types
- Approved by FDA/BGA for direct contact with foodstuff and medical applications
- Flame retardant rated 'difficult-to-ignite'
- Good to print with UV curing inks
- Available also in widths of 2050 mm down to 1 mm thickness



Colours and Formats

- Wide range of thicknesses and formats
- Standard formats ex work

PRODUCT RANGE

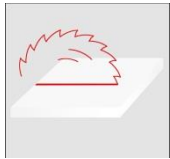
Product	Standard formats (WxL)	Thickness mm									
		0.8	1	1.5	2	3	4	5	6	8	10
clear-transparent	1250 x 2050 mm		■	■	■	■					
clear-transparent	1250 x 2500 mm		■		■	■					
clear-transparent	2050 x 3050 mm	■	■	■	■	■	■	■	■	■	■
clear-transparent uvp					■	■	■				
opal 30%			■	■	■	■					
black					■	■		■			
white - black	2050 x >1250 - 6050 mm		□	□	□	□	□	□	□		
bronze			□	□	□	□	□	□	□		
others translucent			□	□	□	□	□	□	□		
others opaque			□	□	□	□	□	□	□		
clear-transparent		□	□	□	□	□	□	□	□	□	
clear-transparent uvp			□	□	□	□	□	□	□		
opal 30%			□	□	□	□	□	□			
opal 30% uvp			□	□	□	□	□	□			

■ Standard formats □ On request

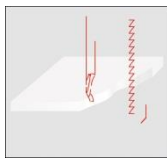
- Cut-to-size formats are available from your local LUMEX® distributor

Processing

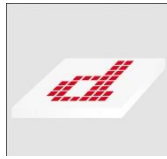
- Exceptional variety of processing options



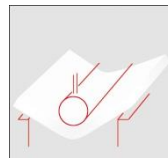
sawing



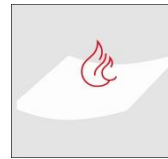
contour
cutting



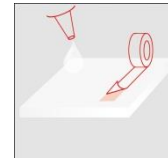
digital
printing



cold blending

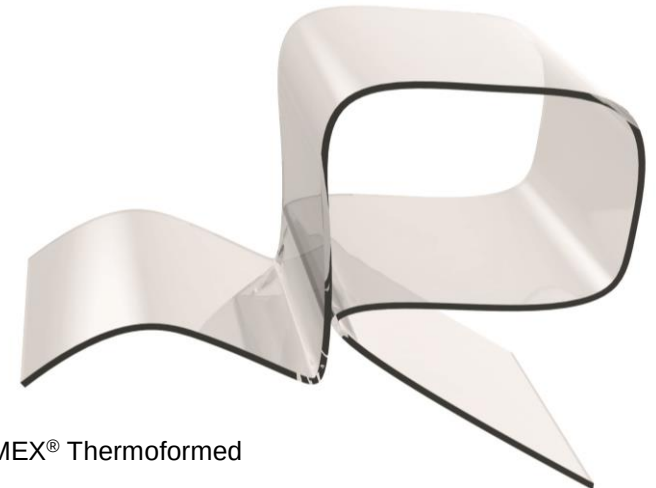


thermoforming



gluing

- Detailed information and recommendations about each processing step can be found in the processing instructions.



LUMEX® Thermoformed