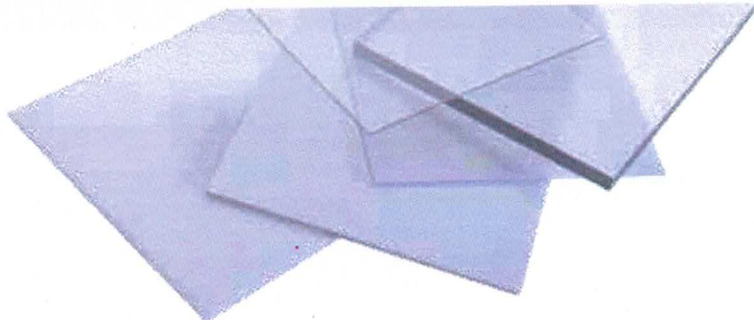


# LUMEX<sup>®</sup>G



THE BEST FOR HOT LINE BENDING AND ELABORATE VACUUM FORMING.



## PRODUCT

LUMEX<sup>®</sup>G is the newest brand on the market for premium quality modified polyethylen terephthalate (PET-G). LUMEX<sup>®</sup>G is the best choice for thermoforming and hot line bending applications. LUMEX<sup>®</sup>G sheets are flame retardant rated 'difficult-to-ignite', approved for direct food contact and show good impact resistance. They are also excellent to print with UV curing inks and fast, convenient to convert.

## LUMEX<sup>®</sup>G – AT A GLANCE

LUMEX<sup>®</sup>G sheets feature enhanced thermoforming capabilities as they don't crystallize. Vacuumforming can be done without pre-drying and significantly shorter than the usual cycle times. Extremely high contour accuracy can be obtained at lower temperatures compared to traditional transparent materials.

- 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

## PRODUCT APPLICATIONS

- Thermoformed fronts for vending machines
- Vacuum-formed trays for storage and manufacturing
- Medical appliances
- Retro-printed translucent signs
- Three-dimensional POS/POP items

## PROTECTIVE FILM

- On both sides (upper side: transparent, printed / lower side: transparent, unprinted)

## TOLERANCES

Thicknesses	up to 1.5 mm: ±10% 1.5 to 3.0 mm: ±6% over 3.0 mm: ±5%
Widths	-0 / +3%
Lengths	-0 / +3%
Formats cut in line	< 1000 mm: ±1.5 mm > 1000 mm: -0 / +3%
Formats cut to size off line	±1 mm

## 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 clear-transparent uv opal 30%	2050 x 3050 mm	■	■	■	■	■	■	■	■	■	■
white - black bronze others translucent others opaque	2050 x >1000 - 6050 mm		□	□	□	□	□	□	□		

- Standard formats □ On request