



PURE LUXURY FOR HIGH-CLASS ADVERTISING MESSAGES

KAPA[®] premium is the new lightweight foam board with high quality PET surfaces. These synthetic paper liners account for printing results of highest perfection. In addition, they are tear- and water-resistant. KAPA[®] premium thus ideally serves as design panel for sophisticated advertising displays at the POS.

Polyurethane
foam core

Bright white PET-
cover sheet layers

PRODUCT

- Lightweight foam board with a polyurethane foam core and bright white coated PET skins
- The skins look and feel like a luxury paper
- Optimal printing characteristics: high surface tension and perfect flatness
- Tear- and UV-resistant surface, very good dimensional stability
- Resistant to humidity and temperature

PROCESSING

- The perfect sheet for direct digital printing
- Easy processing with standard blades
- Cutting V-grooves for 3D-applications easily feasible

FORMATS

- Standard formats:

Width	x	Length	Thicknesses
1530 mm	x	3050 mm	5 mm and 10 mm
- Special sheet sizes upon request

APPLICATIONS

- Printing substrate for highest quality standards
- Displays and POS/POP for luxury brands

PHYSICAL PROPERTIES

CHARACTERISTIC	VALUE		TOLERANCE	UNIT	METHOD
Thickness	5	10	± 0,6	mm	KAPA®-Method
Density	60	55	± 03	kg/m ³	KAPA®-Method
Weight per unit area	900	1150		g/m ²	KAPA®-Method
Compression strength 10% compression set	~ 0,28	~ 0,43		N/mm ²	DIN 53421
Memory effect 10% compression set	~ 97	~ 98		%	DIN 53421
Elastic modulus (E-Modul)	~ 3,1	~ 7,2		N/mm ²	DIN 53421
Bending strength	~ 7,5	~ 2,7		N/mm ²	DIN 53423
Closed cell structure	> 95				KAPA®-Method
CIE lab value	L = 96,4 (a = -0,22 / b = 0,45)				MINOLTA
Behaviour against thermal effects:	Sheet processing temperature continuous Td = -20 up to 100° C short-term Tk = up to 160° C			°C	DIN 4102
Fire certification	B3				DIN 4102
The foam and the layers are resistant against all customary glues, inks and lacquers.					

KAPA® sheets are produced under stringent environmental and quality control procedures. Thus, the consistent quality of the product is achieved.

ROHS RICHTLINIE

KAPA® sheets meet the requirements of the RoHS/ WEEE directives of the European Union on the restriction of hazardous substances.

REACH REGULATION

KAPA® sheets meet the requirements of the current version of the European Union chemicals regulation (REACH). In particular, KAPA® sheets do not contain any of the substances which are listed in the current version of the ECHA Candidate List of „Substances of Very High Concern“ (SVHC).