KÖMAFOAM®

printing. die cutting. decorating.

KÖMAFOAM® -lightweight panels –
extra light with extra advantages

KÖMMERLING®
Business Unit Sheets

KÖMA*FOAM*® – the sandwich panel with many plus factors

„Everything speaks for KömaFoam"

KömaFoam is a light sandwich panel with a polystyrene foam core and overlays on both sides.

Despite their lightness, the panels are very firm. They can be used for both structural and creative applications. KömaFoam's attributes make it perfect for a wide variety of applications, including laminations, picture framing, sales displays, interior signs and digital/silkscreen printing, as well as various creative endeavours.

KömaFoam is available with different overlay variations or surfaces and in many different thicknesses and formats.

KömaFoam Basic
Basic quality, polystyrene lightweight panel with bright white-painted cardboard overlays (120 g/m²)

KömaFoam Standard
Standard quality, polystyrene lightweight panel with matt white-painted cardboard overlays (150 g/m²)

KömaFoam Flat
Premium quality, polystyrene lightweight panel with plastic-dipped cardboard overlays, damp-resistant surfaces (150 g/m²)

KömaFoam Adhesive
KömaFoam Flat-Quality, with single-sided self-adhesive foil

Application areas

Picture framing	Labelling	Creative work
Lamination	Displays	Trade fair signs
Printing	Signs	Digital direct prints

KömaFoam Basic

Lightweight panel with white polystyrene foam core and bright white-painted cardboard overlays (120 g/m²) on both sides.

Attributes

- .Bright white surfaces
- .Simple to process
- .Quick to format
- .Highly suitable for stamping processes with respective equipment
- .Easy to cut and die cut
- .Specially developed for lamination applications
- .Easy to print

KömaFoam Standard

Lightweight panel with white polystyrene foam core and matt white-painted cardboard overlays (150 g/m²) on both sides.

Attributes

- .Matt white surface
- .Simple to process
- .Quick to format
- .Highly suitable for stamping processes with respective equipment
- .Easy to cut and die cut
- .Very easy to laminate
- .Very easy to print
- .pH-neutral surface

KömaFoam Flat

Premium

Lightweight panel with white polystyrene foam core and plastic-dipped cardboard overlays (150 g/m²) on both sides. Due to the moisture-repellent surfaces, the panel will remain straight, even for extended periods of time.

Attributes

- .Matt white surface
- .Easy to process
- .Quick to format
- .Highly suitable for stamping processes with respective equipment
- .Easy to cut and die cut
- .Very easy to laminate
- .Very easy to print
- .Longevity
- .Moisture-repellent
- .Very good form stability
- .pH-neutral surface

KömaFoam Adhesive

Lightweight panel with white polystyrene foam core and plastic-dipped cardboard overlays (150 g/m²) on both sides. Self-adhesive on one side and covered with silicone paper.

Bonding agent: permanently adhesive acrylic glue under silicone-coated masking paper (105 g/m²).

Attributes

- .Ready to laminate
- .Simple to process
- .Quick to format
- .Highly suitable for stamping processes with respective equipment
- .Easy to cut and die cut
- .Timesaving mounting plate

Product range

Dimensions in mm	Basic	Standard	Flat	Adhesive
700 x 1000 x 3	x	x	●	●
700 x 1000 x 5	x	x	x	x
700 x 1000 x 10	x	x	x	x
1400 x 1000 x 3	x	x	●	●
1400 x 1000 x 5	x	x	x	x
1400 x 1000 x 10	x	x	x	x
2000 x 1000 x 3	x	●	●	●
2000 x 1000 x 5	x	x	●	●
2000 x 1000 x 10	x	●	●	●
2400 x 1200 x 3	●	-	-	-
2400 x 1200 x 5	●	-	-	-
2440 x 1220 x 3	-	-	-	-
2440 x 1220 x 5	-	x	x	x
2440 x 1220 x 10	-	x	x	x

x = standard item   ● = item available on request

Packing units

Cartons	Thickness	Number per carton
	3 mm	40 panels
	5 mm	25 panels
	10 mm	15 panels

Note: 6 cartons per pallet

Technical data

Grammage

Basic	3 mm	370 g	± 5% g / m²
	5 mm	430 g	± 5% g / m²
	10 mm	570 g	± 5% g / m²
Standard / Flat	3 mm	500 g	± 50 g / m²
	5 mm	580 g	± 50 g / m²
	10 mm	780 g	± 50 g / m²
Adhesive	5 mm	740 g	± 50 g / m²
	10 mm	920 g	± 50 g / m²

Bonding agent

Foam core	The double polystyrene layers of the foam core are thermally bonded
Overlay/foam	Water-based bonding agent (pH-neutral) for standard / flat / adhesive

Tolerance data	Basic	Standard / Flat / Adhesive
Thicknesses:	- 0,0 / +0,5 mm	± 0.4 mm
Length:	- 0,0 / +4,0 mm	+ 2.0 mm
Width:	- 0,0 / +4,0 mm	+ 2.0 mm