

Our programme for the success of your tasks

Sheet overview



Passion,

Precision and the claim of being better

The name KÖMMERLING is known all over the world. Since it was founded in 1897, this traditional company has been steering a course of constant progress. As one of the successful brands in the large profine Group, the KÖMMERLING Business Unit Semi-finished Products offers a comprehensive range of PVC sheets for the most diverse applications.

For instance, the top quality and impressive properties of our sheets are greatly appreciated in the advertising, stand design, building, and industrial sectors. Thanks to their long life, easy care, and vast potential, KÖMMERLING sheets have made an indelible mark on the sector. The KÖMMERLING Business Unit Semi-finished Products and its extensive portfolio simply deserve to lead the segment for PVC sheets. KÖMMERLING and its products enjoy a high repute among customers, not only because of their product quality or extensive range. What drives us is our pursuit of "the better". This spirit can be felt at all of our divisions. It is our daily motivation to go new ways with our customers and to surprise the market with new products, systems, services, and sales channels. Always endeavouring to keep on the move, to make the good even better,

and by doing so to safeguard its customers' sustainable success. We call this quite simply the "EVER BETTER PRINCIPLE".



Hallmarks:

Highest quality, versatile services, and great expertise in PVC sheet production – the following profine sheets have been awarded the pro-K quality seal: KömaCel, KömaTex, KömaPrint, KömaDur, and KömaDeco.





For many decades, KÖMMERLING has been synonymous with outstanding quality. This is based on our constant endeavours to offer new possibilities with new ideas and pioneering technology and hence to set new standards. Our customers benefit from this in the form of an extensive range that fulfils every wish and offers an ideal solution for all requirements. Hence quality at KÖMMERLING is not an empty promise, but a claim that is lived and breathed, examined every day, and constantly improved to become an attribute you can sense.



With a clear conscience

To us, sustainability means the attentive handling of the markets' and our customers' needs. Accordingly we assign a central role not only to ecology, but also to economic aspects. Supported by our sustainability principles, we create new opportunities for our customers. All KÖMMERLING sheets are characterised by an effective ${\rm CO_2}$ balance. Our goal is to provide our customers with perfected ecological and cost effective solutions that create trust sensibly and responsibly – with a clear conscience.

You have the tasks. We the range.



Material samples:

We'll be pleased to send you on request our KÖMMERLING material samples free of charge. Email: info@komasheets.com





The universal integral skinfoam sheet for advertising, building, and industry

This owes its unique product properties to the strong, solid cover sheet combined with a celled core of the same material. KömaCel is the world's Number One in Celuka extrusion.

The surface of the strong, smooth outer cover lends the sheet its silky gloss effect. It is therefore ideal for screen printing and lamination. Thanks to its good thermal and sound insulation values, it is also a familiar sight in the industrial and building sectors.

The applications

Advertising sector:

- Signs
- Banners
- Inscription panels
- Displays
- Shop window decorations
- Large lettering
- Exhibition and showroom stands

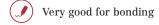
Building sector:

- Shop design
- Interior finishing
- Wet rooms
- Cladding
- Roller shutter boxes
- Opaque panel infills
- Door and window elements

Other:

- Model building
- Furniture industry
- Structured parts
- Photo lamination
- Traffic signs for construction sites
- Chemical and laboratory areas
- Ship, container, and vehicle interior fittings

The features



8 Good printing qualities

Good for laminating

Good for painting

Simple processing

Good acoustic insulation

Good sound insulation

Low thermal conductivity

Very good flexural strength

Chemical and corrosion resistant

Flame resistant (up to 10mm thick)

Weatherproof and weather resistant



Low water absorption



 $100\,\%\;recyclable$



Hallmarks:

Highest quality, versatile services, and great expertise in PVC sheet production.

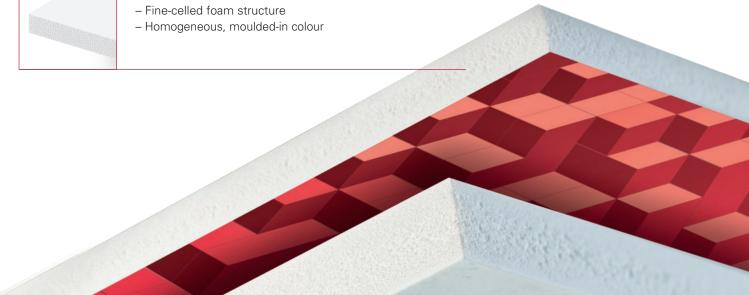
Dimensions (mm)	White 652 similar to RAL 9010 in the thicknesses (mm)	White 654 similar to RAL 9016 in the thicknesses (mm)	Black 992 similar to RAL 9011 in the thicknesses (mm)	Piece / package unit	Piece/pallet	In the version with protective film*
2440 x 1220		4		5	125	
3050 x 1220		4		5	125	
2440 x 1220		5		4	100	
3050 x 1220		5		4	100	
2440 x 1220		6		3	75	
3050 x 1220		6		3	75	
3000 x 1250	8			3	60	
2000 x 1000	10	10		5	60	652, single-sided
2500 x 1000	10	10		5	60	
3000 x 1000	10	10		3	60	
4000 x 1000	10				40	
3000 x 1250	10	10		2	50	652, single-sided
4000 x 1250	10				30	652, single-sided
3000 x 1560	10			2	40	652, single-sided
4000 x 1560	10				30	652, single-sided
3000 x 1250	13	13		2	40	652, double-sided
3000 x 1250		15		2	34	
3000 x 1250		17			30	Double-sided
3000 x 800		19		2	30	
3000 x 1250		19	19	1	30	654, double-sided
4000 x 1250		19			20	Double-sided
3000 x 1560		19		1	20	
4000 x 1560		19				Double-sided
3000 x 1250		24		1	20	Double-sided
3000 x 1250		28			20	Double-sided
3000 x 1250		30		1	15	

Special lengths and other formats with protective film on request. Every thickness is packaged in small cardboard units.

* Sheets with protective film available only on complete pallets.

Consistency:

- Surface with silky gloss finish
- Solid, closed, smooth outer cover





KÖMATEX®

The multiflexible free skinfoam sheet for advertising

The closed-cell, matt, finely structured, and therefore strong surface of KömaTex PVC free skinfoam sheet presents an optimal substrate for printing, painting, and laminating and is very easy to process and flame resistant to boot. All this presents the best conditions for a great many applications – above all in advertising. In the colour White 662 (similar to RAL 9003), the sheets are weatherproof and weather resistant, and therefore suitable for outdoor applications as well.

The applications

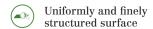
Advertising sector:

- Signs
- Banners
- Inscription panels
- Displays
- Shop window decorations
- Exhibition and showroom stands
- Digital printing
- Photo lamination

Building sector:

- Shop design
- Interior finishing
- Model building
- Traffic signs for construction sites

The features



Fine-celled foam structure

Good surface strength

Excellent printing qualities

Good for laminating

Very good for bonding

Ideal for punching work

Simple processing

Lightweight

Flame resistant

Thermoformable

Chemical and corrosion resistant

Weatherproof and weather resistant (colour White 662)

Low water absorption

Low thermal conductivity

100% recyclable



Hallmarks:

Highest quality, versatile services, and great expertise in PVC sheet production.

	0 1			
Dimensions (mm)	White 662 in the thick- nesses (mm)	Colour in the thick- nesses (mm)	Piece/pallet	
2440 x 1220	1		200	
3050 x 1220	1		200	
3050 x 1560	1		150	
2440 x 1220	2		140	
3000 x 1000	2		140	
3050 x 1220	2		140	
3050 x 1560	2		140	
3050 x 2050	2		90	
2440 x 1220	3		125	
3000 x 1000	3		125	
3050 x 1220	3	3	125/80	
3050 x 1560	3		100	
3050 x 2050	3		80	
4050 x 2050	3		50	
2440 x 1220	4		100	
3000 x 1000	4		100	_
3050 x 1220	4		90	
3050 x 1560	4		70	
3050 x 2050	4		70	
4050 x 2050	4		40	_

Dimensions (mm)	White 662 in the thick- nesses (mm)	Colour in the thick- nesses (mm)	Piece/pallet
2440 x 1220	5		90
3000 x 1000	5		90
3050 x 1220	5	5	70/50
3050 x 1560	5		60
3050 x 2050	5		60
4050 x 2050	5		30
2440 x 1220	6		75
3000 x 1000	6		75
3050 x 1220	6		60
3050 x 1560	6		50
3050 x 2050	6		50
4050 x 2050	6		25
3050 x 1220	8	8*	50/50
3050 x 1560	8		50
3050 x 2050	8		30
4050 x 2050	8		20
3050 x 1220	10		50
3050 x 1560	10		40
3050 x 2050	10		30
4050 x 2050	10		20
3050 x 1220	15		30

Sheets have a protective film on one side

Standard colours



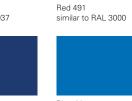


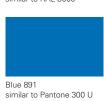






similar to Pantone 288 C













The colour White 662 is especially suitable for outdoors. Colour PVC sheets are not UV and weather resistant over protracted periods. The colours are suitable for indoors only.

^{*} NOTE The following colours are available as standard: Agate grey 140, Red 491, Blue 891, Black 991, and Grey 191





The innovative sheet for the best printing results

With KömaPrint, the printing and display manufacturing industries are given an innovative PVC material that is the ideal solution for all material property requirements.

The shining white sheet (similar to RAL 9003) and its finely textured surface promote an outstanding printed image. This stable, lightweight, yet moisture resistant sheet is also and equally suitable for indoor and outdoor applications.

The applications

Advertising sector:

- Digital printing
- Screen printing
- Photo lamination
- Signs
- Displays

- Banners
- Lettering
- Promotion
- Shop window decorations

Other:

- Presentations
- Exhibitions
- Puzzles
- Decorations

The features



Fine-celled foam structure

Colour 667 bright white

& Excellent printing qualities

Good for laminating

Very good for bonding

Ideal for punching work

100 % recyclable

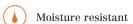
Flame resistant

Simple processing

For reliable printing processes

Ideal for cutting, trimming, and sawing





For internal and external applications



Hallmarks:

Highest quality, versatile services, and great expertise in PVC sheet production.

Dimensions (mm)	White 667 in the thicknesses (mm)	Piece/pallet
2440 x 1220	2	140
3050 x 1220	2	140
3050 x 1560	2	140
3050 x 2050	2	90
2440 x 1220	3	125
3050 x 1220	3	125
3050 x 1560	3	100
3050 x 2050	3	80
2440 x 1220	4	100
3050 x 1220	4	90
3050 x 1560	4	70
3050 x 2050	4	70
2440 x 1220	5	100
3050 x 1220	5	70
3050 x 1560	5	60
3050 x 2050	5	60
2440 x 1220	6	75
3050 x 1220	6	60
3050 x 1560	6	50
3050 x 2050	6	50
2440 x 1220	8	50
3050 x 1220	8	50
3050 x 1560	8	50
3050 x 2050	8	30
2440 x 1220	10	50
3050 x 1220	10	40
3050 x 1560	10	40
3050 x 2050	10	30

Consistency:

- Fine-celled foam structureFinely textured surface
- Lightweight
- Excellent printing properties





The PVC-U sheet system for virtually all areas

Available in five variants, the KömaDur PVC-U sheet system fulfils even the most exotic requirements and is therefore an interesting solution for a great many applications and fields.

Thanks to their wide range of material properties and simple manufacture, the KömaDur variants are ideal for both indoor and outdoor applications - whether in the chemical industry, the building sector, electrical engineering, exhibitions, or advertising.

The applications

Advertising sector:

- Signs
- Displays
- Banners
- Inscription panels
- Exhibition and showroom stands
- Shop window decorations
- Digital printing

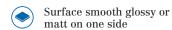
Building sector:

- Shop and interior finishing
- Zone of high humidity
- Air conditioning and ventilation elements
- Sandwich elements for wall and door panelling
- Cladding and panelling

Other:

- Deep drawn parts
- Machine building
- Apparatus and tank construction
- Electroplating technology
- Chemical and laboratory engineering
- Accumulators
- Photo industry

The features



Various white hues and colours as well as dark and light grey

Normal to increased impact resistance

Deep drawing properties

Suitable for welding

Very good for printing (KömaDur D)

Good for laminating (KömaDur D)

Very good for bonding

Flame resistant

Chemical and corrosion resistant



Protective film on one side (KömaDur D, ES, H)

Protective film on both sides (KömaDur M)

100% recyclable



Hallmarks:

Highest quality, versatile services, and great expertise in PVC sheet production.

						KömaDur					
Dimensions and thicknesses (mm)	M 640	D 669	SL 669	SL 913	SL 712	SL 411	SL 520	SL 814	H 654	WA 155	WA 112
	White RAL 9003 ^{1,2}	White RAL 90031	White RAL 90031	Black RAL 9005 ¹	Yellow RAL 1021 ¹	Red RAL 2002 ¹	Green RAL 60051	Blue RAL 5010'	White RAL 9016 ¹	Dark grey RAL 7011 ¹	Light grey RAL 90061
2000 x 1000 x 1	X	×	×	×	×	×				×	X
2000 x 1000 x 1.5		x	×	×						×	X
2000 x 1000 x 2	X	X	X	X	X	X	X	X	X	X	X
2000 x 1000 x 3		×	×	X	×	X	×	X	X	X	X
2000 x 1000 x 4		X	X	X					X	X	X
2000 x 1000 x 5		×	×	×						×	×
2000 x 1000 x 6		×	×							×	X
2000 x 1000 x 8			×						×	×	X
2000 x 1000 x 10			X							X	X
2000 x 1000 x 12										×	X
2000 x 1000 x 15										×	
2000 x 1000 x 20										X	
2000 x 1000 x 25										×	
2000 x 1000 x 30										X	
3000 x 1500 x 2		X	X						X	X	X
3000 x 1500 x 3		X	X						X	X	X
3000 x 1500 x 4		X	X						X	X	X
3000 x 1500 x 5		X	×							×	X
3000 x 1500 x 6		X	X						X	X	X
3000 x 1500 x 8			×							×	X
3000 x 1500 x 10										X	X
3000 x 1500 x 12										×	X
3000 x 1500 x 15										×	
3000 x 1500 x 20										×	

¹similar to RAL

²Blue protective film on one side

Standard colours



Black ES 913 similar to RAL 9005





Red ES 411 similar to RAL 2002





similar to RAL 5010





Light grey WA 112 similar to RAL 9006

All white colours are especially suitable for outdoors. Colour PVC sheets are not UV and weather resistant over protracted periods. The colours are suitable for indoors only.







KÖMAALU[®]

The aluminium composite sheet for indoor and outdoor applications

KömaAlu is an innovation composite material consisting of aluminium covers and a polyethylene core bonded together to form a resilient unit. The aluminium covers are then enamelled with a polyester paint system (coil coating).

The result is a lightweight, yet extremely durable and bendresistant aluminium composite sheet. These outstanding product properties make KömaAlu composite sheets the ideal material for indoor and outdoor applications.

The applications

Advertising sector:

- Exhibition stands
- Supermarkets
- Shop window decorations
- Decoration elements

- Signs
- Pylons
- Photo lamination
- POS/POP

Building sector:

- Cladding
- Panelling
- Shop design
- Partitioning

The features



Brilliant homogenous white



High durability



Weatherproof and weather resistant



UV resistant



Excellent printing qualities



Good flexural strength



High corrosion resistance



Simple processing



For internal and external applications



100% recyclable

Dimensions and thicknesses (mm)	Colours	RAL values
2050 x 1000 x 2, 3, 4	Matt white/matt white	similar to RAL 9003 Signal white
2550 x 1250 x 2 ¹ , 3 ¹ , 4		
3050 x 1000 x 3		
3050 x 1250 x 3		
3050 x 1500 x 21, 31, 4, 6		
3050 × 2000 × 3, 4		
4050 × 1000 × 2, 3 ¹ , 4		
4050 x 1250 x 3		
4050 × 1500 × 2, 3 ¹ , 4		
4050 × 2000 × 3, 4		
3050 x 1500 x 3, 4	Silver/Silver	similar to RAL 7047 Telegrey
3050 x 1500 x 3 ²	Brushed	
3050 x 1500 x 3	Matt yellow/glossy yellow	similar to RAL 1003 Signal yellow
3050 x 1500 x 3	Matt yellow/glossy yellow	similar to RAL 1023 Traffic yellow
3050 x 1500 x 3	Matt red/glossy red	similar to RAL 3020 Traffic red
3050 x 1500 x 3	Matt blue/glossy blue	similar to RAL 5002 Ultramarine blue
3050 x 1500 x 3	Matt green/glossy green	similar to RAL 6005 Moos green
3050 x 1500 x 3	Matt black/glossy black	similar to RAL 9011 Graphite black
2550 x 1220 x 3 ³	Mirror	

¹0.18 mm cover sheet thickness ² reduced UV resistance, due to composition of aluminium and transparent polyester paint finish ³ only suitable for indoors applications Pallet contents: 50 sheets/pallet Protective film on both sides, excluding Brushed (protective film on one side only)

Yellow similar to RAL 1023

Colours









KömaSteel is an extremely bend-resistant steel composite sheet consisting of a polyethylene core sandwiched between two enamelled steel cover sheets.

Thanks to its ferromagnetic properties and its extremely hard and impervious surface, KömaSteel is the ideal sheet for a great many applications in the advertising and building sectors, e.g. perimeter board advertising, machine cladding, etc.

sheet for a wide range of applications

The applications

Advertising sector:

- Displays
- Labelling systems
- Perimeter board advertising

Building sector:

- Balcony sheets

The features



For internal and external applications



High bending strength



Hard and robust surface

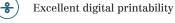


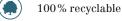
Punchable

- Machine cladding

Ferromagnetic (for magnetic film)







Specifications

Cover sheet thickness:

0.3 mm

Colour:

Matt white/matt white

Weight:

2.3 mm: 6.3 kg/m² 3 mm: 6.6 kg/m²

Core:

Polyethylene

Coating:

modified polyester coating

Applied thickness:

 $20 \mu m (\pm 2)$

Protective film:

Double-sided

Important:

Protect cut edges from moisture!

Delivery programme

Dimensions (mm)	Colours
3050 x 1220 x 2*, 3	Matt white/matt white
3050 x 1220 x 3	Matt white/matt white

^{*} on request

The PVC sheet with woodgrain laminate



KömaDeco presents a convincing combination of extraordinary design and functionality. Presenting a finely textured surface, KömaDeco presents a fascinating play of light and shadow, and yet is extremely resistant to mechanical effects and the action of light.

With its laminated sheet on one or both sides, KömaDeco is the ideal indoor material and is therefore used in exhibitions. shops, and door, wall and ceiling cladding.

The applications

- Trays
- Ceiling and wall cladding
- Door panelling
- Interior doors
- Partition walls
- Wall cabinets
- Exhibition and shop design
- Decorations
- Sandwich elements

The features



For indoor use only



Chemical and corrosion resistant



Laminated on one or both sides



Resistant to household and industrial cleaners



Various surfaces possible



Very good for bonding



Combines KömaCel sheets with the advantages of PVC colour laminates

Good flexural strength



Good acoustic insulation



Very low water absorption



100% recyclable

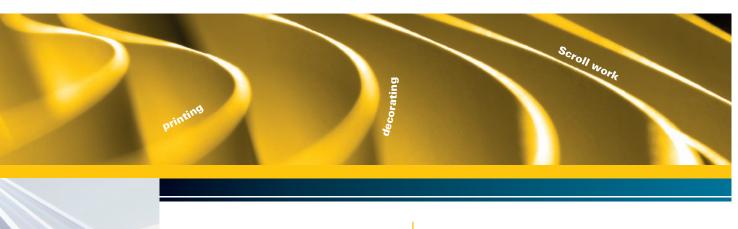


Highest quality, versatile services, and great expertise in PVC sheet production.

Delivery programme

Hallmarks:

Dimensions and thicknesses (mm)	Colours	Sheets/pallet	Sheets/Package unit
3000 x 1000 x 10	224 Mahogany	60	3
	232 Golden oak	60	3
	216 Anthracite grey	60	3
	288 Navy blue	60	3
	2CQ Cream white	60	3
3000 x 1250 x 10	232 Golden oak	50	2
3000 x 1250 x 13	224 Mahogany	40	2
	232 Golden oak	40	2
3000 x 1250 x 19	2CQ Cream white	20	1
3000 x 1250 x 24	032 Golden oak	20	1





The lightweight sandwich sheet for great design potential

This lightweight sandwich sheet consists of an EPS core between two outer coats. Although lightweight, it exhibits a convincingly high strength, and its wide range of surfaces, thicknesses, and sizes make it ideal for universal applications.

KömaFoam is therefore suitable for a wide range of applications, e.g. lining, picture framing, POS displays, indoor signs, digital and screen printing, and design work.

The applications

- Picture framing
- Lining
- Printing
- Lettering
- Displays
- Signs
- Design work
- Exhibition signs
- Digital printing
- Model building

The features | Standard

Matt white surface

Quick to format

Excellent printing qualities

pH neutral surface

Good for laminating

Ideal for punching work

Easy to cut

Simple processing

Delivery programme

Dimensions and thicknesses (mm)	Standard	Adhesive
700 x 1000 x 3		•
700 x 1000 x 5		•
700 × 1000 × 10		•
1400 x 1000 x 3		•
1400 x 1000 x 5		•
1400 x 1000 x 10		•
2440 x 1220 x 5		•
2440 x 1220 x 10		•
3000 x 1400 x 5		•
3000 x 1400 x 10		•
3050 x 1524 x 5		_
3050 x 1524 x 10		_

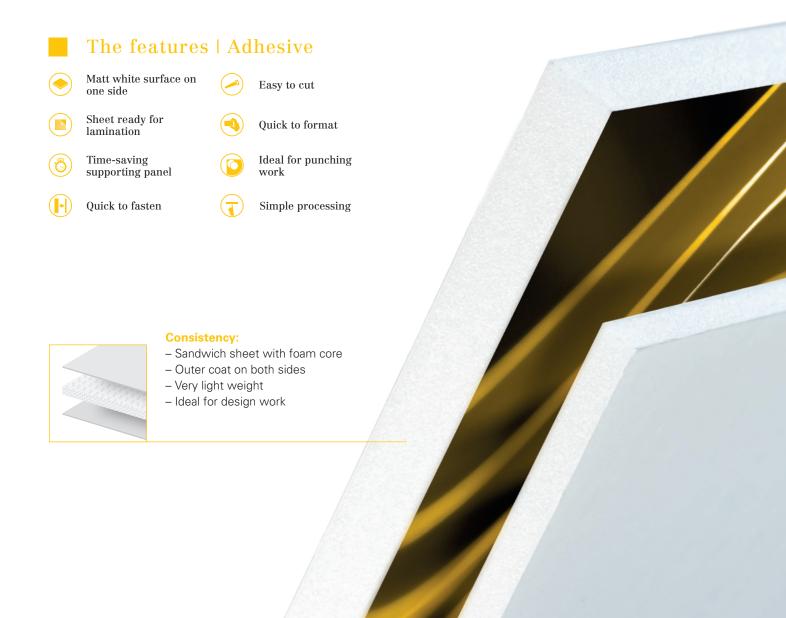
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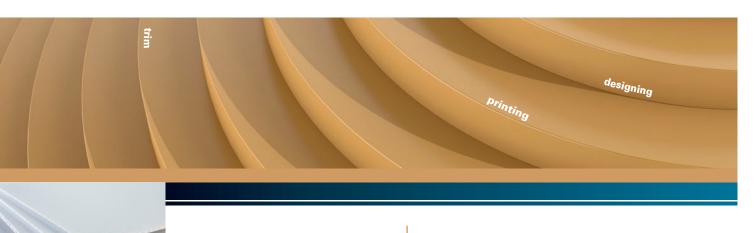
= Article available on request

Packaging units

Standard, Adhesive	Thickness	Number per carton	Cartons per pallet
	3 mm	40 sheets	6 cartons
	5 mm	25 sheets	6 cartons
	10 mm	15 sheets	6 cartons
3000 x 1400 mm	5 mm	16 sheets	6 cartons
3050 x 1400 mm	10 mm	8 sheets	6 cartons

Standard	Thickness	Number per carton	Cartons per pallet
3050 x 1524 mm	5 mm	16 sheets	6 cartons
3050 x 1524 mm	10 mm	8 sheets	6 cartons







The rigid lightweight sheet for graphic applications

KömaLite polypropylene sheets feature an isotropic core. They can therefore be processed in all directions. In addition, the high nub density preserves the excellent rigidity.

This innovative sheet material presents an ultimately convincing combination of very high stability and low weight. Further KömaLite benefits include its excellent printing properties, making it the ideal solution for all kinds of graphic applications.

The applications

- Digital printing
- Screen printing
- Exhibition and shop design
- Ceiling pendants
- Poster advertising (e.g. election posters)
- POS
- Packaging

The features



For internal and external applications



Low water absorption



Homogeneous surface structure



Opaque



Isotropic structure



Oil resistant



Excellent printing qualities



Chemical and corrosion resistant



Lightweight



No harmful combustion emissions



Simple processing

Tear resistant



100% recyclable



Delivery programme

Dimensions (mm)	Thicknesses			
2000 x 1000	2.9	2.9/B1*		
2050 x 1450	2.9	2.9/B1*		
2050 x 3050	2.9	2.9/B1*	5.4	
Grammage in g/m²	600	600/B1*	1600	
Colours	White	White	White	

Pallet contents for 2.9 mm: 150 PC/pallet. For 5.4 mm: 80 PC/pallet. Other formats possible on request.

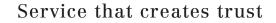
Quality

that is at home everywhere

KÖMMERLING is a successful brand under the umbrella of the owner-operated profine Group. For instance, the KÖMMERLING Business Unit Semifinished Products is also committed to the quality claim that is lived and breathed throughout the Group. This is joined by joint power of innovation, high customer orientation, and – not least of all – responsibility to personnel and customers.

This recipe for success has made the KÖMMERLING Business Unit Semi-finished Products and the Group a familiar name for twenty million satisfied customers in over fifty countries worldwide. This is because we see sheets not only as engineering products that must satisfy the highest precision criteria, but also as the solutions they offer our customers. For this reason, all of our experience and all of our passion is put into every product and every system from the KÖMMERLING Business Unit Semi-finished Products.

"Thanks to our fast response times and our optimised, binding order processing operations, our customers can count on us."



In this respect, we see KÖMMERLING Business Unit Semi-finished Products and therefore profine not only as a supplier of high quality products, but also as an experienced provider of end-to-end solutions and a wide range of services. Accordingly, we are in close contact with our customers and so are fully familiar with their needs on the market. These include, for instance, the wish for smaller packaging units and faster availability. Supported by this array of quality, experience, advice, a fast delivery service, and appealing prices, we help you to find the optimal solution for your tasks. We'll also be pleased to advise you in the manufacture and optimal application of our sheets.



Trust needs the right partner.

You don't have a contact yet? You will find the right contact for you on our website.

www.komasheets.com





VISIT US ON THE INTERNET



Further details on the extensive programme offered by the KÖMMERLING Business Unit Semi-finished Products can be found here:

www.komasheets.com

profine GmbHKÖMMERLING KUNSTSTOFFE BU SEMI-FINISHED PRODUCTS

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With best regards

