

.07 Printing solutions

The whole world of technical textiles.

Made for you.



**PONGS**<sup>®</sup>

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PONGS® MADE FOR YOU

# Made in Germany

The whole world of technical textiles.

Made for you.

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## Passion Our dedication for textiles

PONGS® is pure passion for textiles. For more than 100 years we have been developing and manufacturing technical and decorative textiles for countless industries. Our reputation for quality and know-how made PONGS® the top address for digital printing, trade fair construction, stage, theatre and event building, visual merchandising and innovative solutions for interior design.

From yarns to the final product. PONGS® has got a full scale production - we do our own warping, weaving and warp knitting, taking products right through to the finishing. Because we manage this production process ourselves, we are capable to ensure that the utmost care is taken at each stage of the process, resulting in perfect quality. Made in Germany - made by PONGS®.



About us



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boy

Made by PONGS®

Photo by Hamma Design

## Technology

### Progress you can touch

PONGS® develops and manufactures first-class digital print media. At the same time we offer optimal products according to latest standards of technology - for the realization of excellent printing results in terms of color and detail. Textiles from PONGS® are printable with dispersion, latex and UV inks up to 505 cm widths and almost endless lengths for all applications. Whether large format advertising, art reproduction or design - thanks to the innovative, flexible properties of our textiles, we are always opening up new business areas and are internationally successful. The possibilities grow hand in hand with the needs and requirements of the market, always characterized by movement and expansion. Our textiles keeping pace, even meeting all relevant ecology standards as well as the highest fire protection standards, are REACH compliant and certified several times. We design solution-oriented display systems, backlighting elements, banners and pop-ups from the concept to the ready-made product. With passion and expertise, today and tomorrow. That's what PONGS® stands for.



# Research Lab

## Quality management on the highest level

The PONGS® textile laboratory located in Mühltröfz will soon be supplemented with a modern pilot plant to optimize ongoing production processes, further improve quality standards and constantly develop new products. This pilot plant depicts the core components of our production facilities on a smaller scale so that we can respond more quickly and more precisely to the challenges of existing products and develop new products in a more targeted manner. Thanks to this efficient Research Lab, PONGS® will be able to produce and test new products and product variations on a small scale in order to test them in practical operation from the user's point of view.

This research department of PONGS® is supplemented by a physical and chemical laboratory. In our physical laboratory, yarns and fabrics are thoroughly tested for their properties and for possible defects or soiling. The chemical laboratory tests and develops the special textile coatings. All lots of equipment are tested intensively for perfect qualities. Relevant fire safety standards are constantly checked by means of flame retardance tests in firing boxes, corresponding certificates are issued.









# Print Lab

## The institution for print quality

In the modern printing rooms at the Mühltruff and Dusseldorf locations, the ongoing production processes are constantly being checked and optimized. Here, print qualities are tested, profiles are created, pre- and post-production tests are carried out to improve quality standards, and new products are developed. The Print Lab in the Dusseldorf Villa Lantz is fully equipped with calander, photospectrometer and rip station as well as all relevant printing technologies.

Together with the Print Lab in Mühltruff, PONGS® is in a unique market position, as technical textiles can be tested here for digital printing on a large scale up to 5 m width on UV and up to 3.2 m width in DyeSub direct printing. These outstanding possibilities for checking and optimizing qualities are also used in cooperation with well-known printer manufacturers in order to promote the development of new machines.

PONGS® MADE FOR YOU



Photo by Marcus Zumbansen



## Applications

### Delightful diversity

We think and act holistically. That's why we offer the right textile and printing process for every application. Full service included for every individual order - from the concept to the finished product. From banners, cubes or ceiling cylinders to roll-ups, pop-ups or displays with integrated video function for the point of sale, to flags or fence and scaffolding cladding: PONGS® supports you in the implementation of your ideas. Creative, flexible and always in excellent quality.

Light Projection Banners  
Displays Canvas Acoustics  
Flags Specials



# Light

## Shining beauty

Light creates atmospheres and creates moods: it has a direct influence on emotions and is one of the most important elements of architectural concepts. The creation of perfect light diffusion is definitely a textile supreme discipline: the excellent evenly illumination of walls, ceilings and advertising surfaces sets new standards and speaks for itself.

PONGS® produces the best products in the world for optimum backlighting and meets the high requirements with specially developed, innovative textiles: minimal yarn spacing thanks to the narrow knitting and weaving technique, crease-resistance, almost white and black break-free and also excellent in light scattering and impermeability.

### Artist IncDia

The world's most versatile backlit fabric

Perfect for trade fair construction and use in flat LED frames

Polyester fabric

Suitable for all printing methods: UV, Latex and DyeSub

Widths up to 505 cm

Flame-retardant according to B-s1, d0 DIN EN 13501-1, NFPA 701-2015

OEKO-TEX® standard 100





## DirectTex® Artist Mambo

Top-quality product for backlighting

Perfect for trade fair construction and use in flat LED frames

Printing methods: UV und Dyesub

Flame-retardant according to B-s1, d0 DIN EN 13501-1

Widths up to 505 cm

## DirectTex® Illuminati

The non-plus ultra fabric for illumination

Knitted fabric, 100% crease-free

Printing methods: DyeSub

Flame-retardant according to B-s1, d0 DIN EN 13501-1,

M1 NF P 92 503-507

Widths up to 320 cm

OEKO-TEX® standard 100

## PrintTex® Softimage Lightbox

Universal usage in flat LED frames, for displays and banners

Excellent light diffusion

Extremely crease and tear-resistant, nearly free from stress whitening

For material-appropriate handling even printed foldable

Printing methods: UV and Latex

Widths up to 505 cm

Flame-retardant according to B-s1, d0 DIN EN 13501-1

OEKO-TEX® standard 100

Certified for HP Latex Inks

## DirectTex® Stretch Twill Soft

Pioneering fabric for edge lighting

Densely woven, but extremely lightweight with 120 g/m<sup>2</sup>

Soft touch, slight but even degree of stretch

Printing methods: UV and DyeSub

Widths up to 310 cm

Flame-retardant according to B-s1, d0 DIN EN 13501-1,

M1 NF P 92 503

OEKO-TEX® standard 100



# Projection

## Our stars in the dark

For a flawless viewing experience: projection textiles by PONGS® combine functionality and modern elegance. Our stretched wall coverings with screen features are not only an extraordinary solution for office and conference rooms, but also a charming design element in the living area.

### DirectTex® Softimage Contrast

State-of-the-art light reflection and ideal for front projection

Black coated back, white front, foldable

Contains no heavy metals, plasticizers or antimony halogens

Flame-retardant according to B-s1, d0 DIN EN 13501-1

Lightfastness grade 7 (DIN EN ISO 105-B02)

Widths up to 505 cm

OEKO-TEX® standard 100

### PrintTex® Black Back

Black back and innovative functional front thanks to its matt surface

Ideal use as a darkening or projection medium

Printing methods: UV

Flame-retardant according to B-s1, d0 DIN EN 13501-1

Widths up to 505 cm

### PrintTex® Graphite Back

The alternative to Black Back: Graphite gray backside, matt white front

Ideal for use as a blackout or projection medium

Printing methods: UV

Flame-retardant according to B-s1, d0 DIN EN 13501-1

Widths up to 505 cm





Banners

 PONGS<sup>®</sup>

## Banners

### Outstanding quality

Experience the difference with excellent quality from PONGS®. Crease-free, highest adhesive strength, the best possible opacity and stable behavior in color absorption - these are the characteristics that are important for banner fabrics. Our textiles meet every single one of them in perfection. And that with a large selection of different products for banners and dimming, PONGS® has the best solution for every application.

### DirectTex®

#### Softimage Creaseless Premium

Quality product for banners and displays

Sophisticated, for highest requirements

Densely knitted with 70% opacity

Slight elasticity, crease-resistance

Printing methods: UV and DyeSub

Flame-retardant according to B-s1, d0 DIN EN 13501-1,  
NFPA 701-2015

Widths up to 505 cm

OEKO-TEX® standard 100





 PONGS

Banners

## Displays Come out big

Immerse yourself in a world of completely unexpected possibilities. With PONGS®, display systems turn into an experience for all the senses. Thanks to their remarkably low weight, they are easy to transport and install. Even with crease-free and print quality, our textiles are unsurpassed. Brilliant print results, perfect opacity, finely woven materials. A professional all-round service that inspires.



Photo by Orion Dahlmann





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Displays

## DirectTex® PES Mesh

Robust, recyclable and environmentally friendly  
Ideal for large-format outdoor use as advertising,  
facade banner or scaffolding tarpaulin  
Brightwhite with reticular structure and weight of 255 g/m<sup>2</sup>  
Printing methods: UV and DyeSub  
Flame-retardant according to B-s1, d0 DIN EN 13501-1, NFPA 701-2015  
Lightfastness grade 6 (DIN EN ISO 105-B02)  
OEKO-TEX® standard 100

## DirectTex®/ PrintTex® Softimage 240 DirectTex® Artist Backlite PrintTex® Artist Heavy

Too good to be true: Market leaders for more than 15 years  
Raise the quality of your displays and banners to a new level  
Universal application  
Printing methods: UV, Latex (for PrintTex®) and DyeSub (for DirectTex®)  
Flame-retardant according to B-s1, d0 DIN EN 13501-1  
Widths up to 505 cm  
OEKO-TEX® standard 100

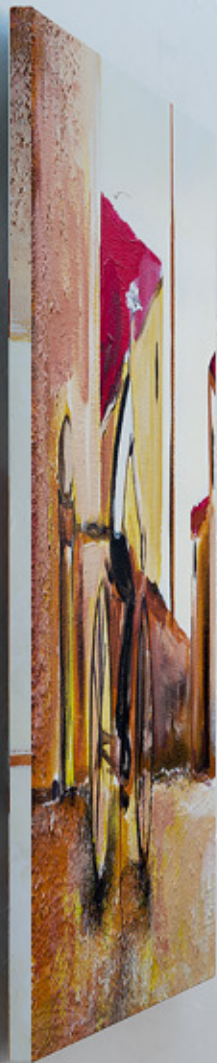
## DirectTex® Softimage Banner

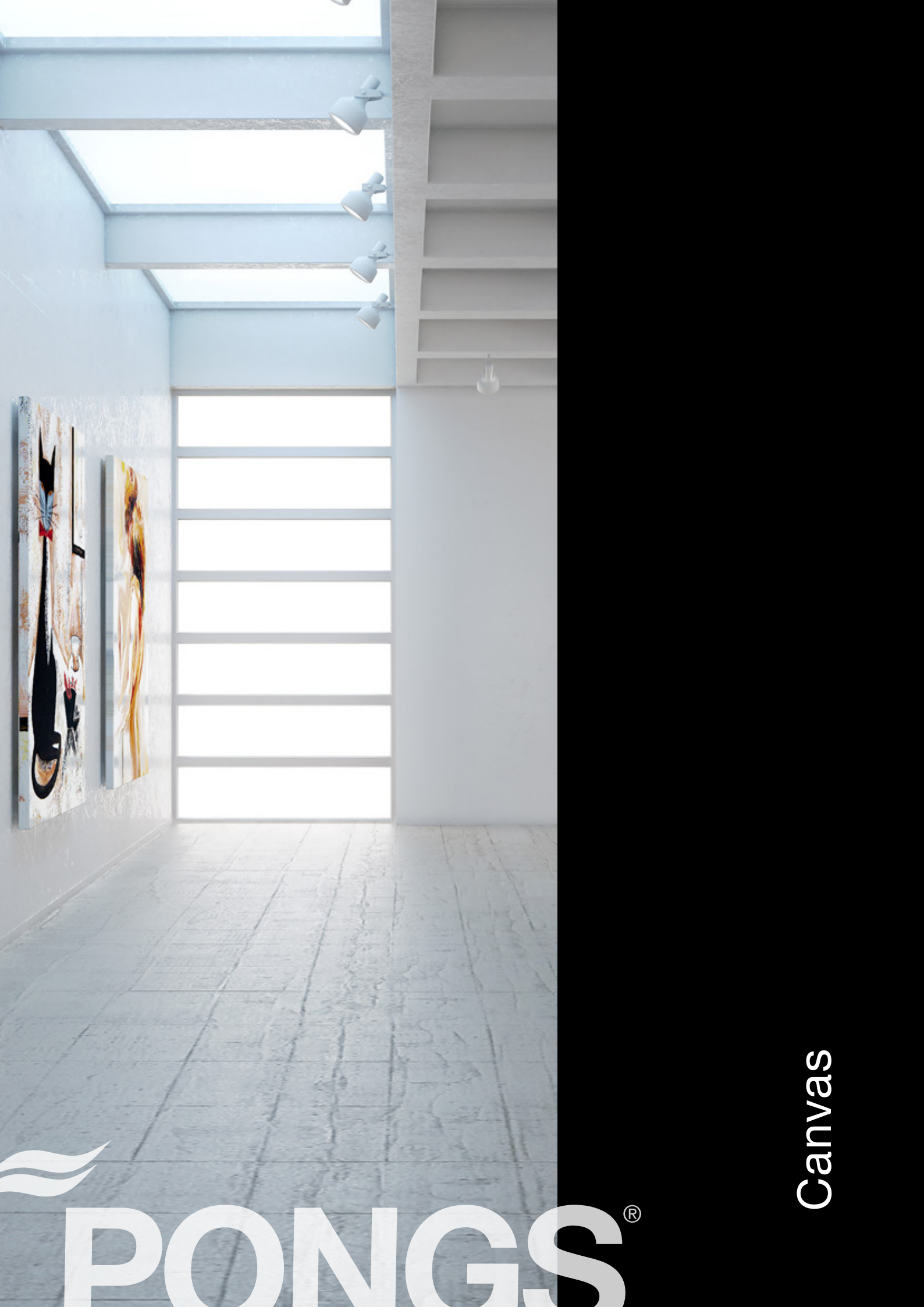
Ultimate lightweight knitted fabric  
Market leader in terms of crease-resistance  
Printing methods: UV and DyeSub  
Flame-retardant according to B-s1, d0 DIN EN 13501-1  
Widths up to 505 cm  
OEKO-TEX® standard 100





Displays





PONGS®

Canvas



# Canvas

## In the eye of the beholder

Only through excellent quality is a true masterpiece brought to life. Canvas textiles by PONGS® are delicately woven and of the highest opacity, with the utmost care they are adapted to common ink systems. That's how they create an impressive color intensity and dynamic. This is art reproduction in its most beautiful form: high quality and hardly distinguishable from the original.

### PrintTex® Fineart Canvas Heavy

Tafetta weave polyester canvas  
Single-sided coating with 95% opacity  
Ideal for wooden stretcher frames  
Printing methods: UV

### PrintTex® Chagall

One of the world's best canvas fabrics in the market  
Ideal for wooden stretcher frames  
Extremely tear-resistant and opaque  
100% high-quality cotton  
Printing methods: UV  
Flame-retardant according to C-s2, d0 DIN EN 13501-1  
Widths up to 505 cm



Canvas

## Acoustic

### The sound of silence

Acoustics are becoming increasingly important in interior design, because contemporary design, which is supposed to positively affect all senses, is in demand more than ever. Only optimal acoustics make perceptible comfort perfect.

Sound-absorbing textiles from PONGS® are conceptually ambivalent: they harmonize the surround sound and at the same time convince visually, whether with a three-dimensional surface such as SILENCIO® or crease-resistant as AKUSTICO®. With bright colors and detailed prints, these textiles become a decorative element for walls, ceilings, room dividers or pieces of furniture.

SILENCIO® is also compatible with the innovative DESCOR® system for covering walls, ceilings and panels. As a modern alternative to traditional room design, it combines aesthetics with maximum functionality according to individual requirements.



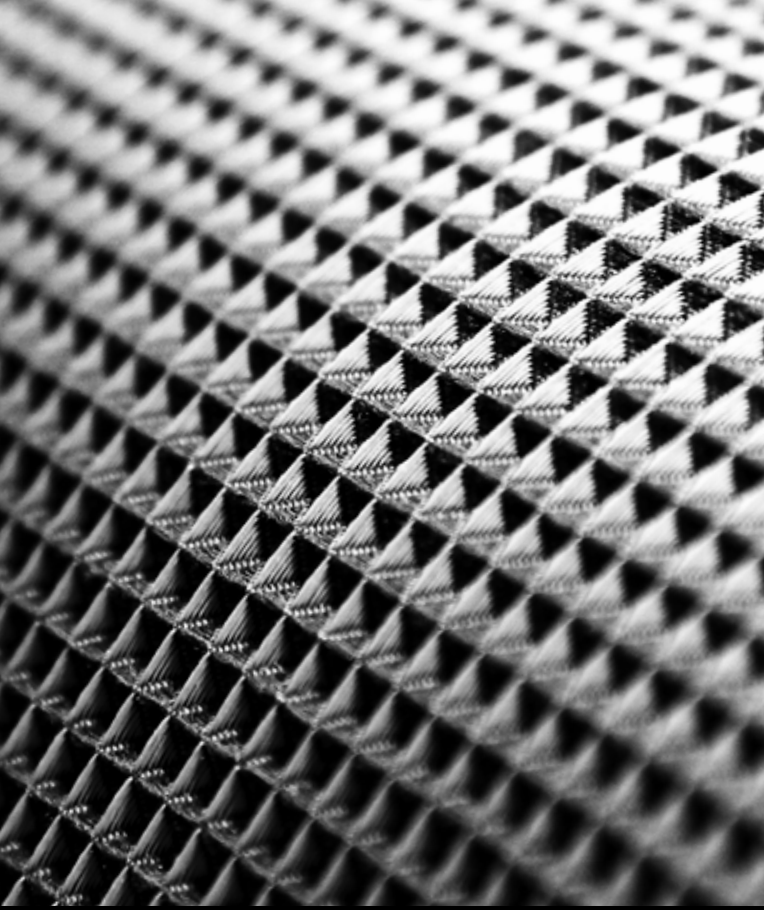




Acoustic



PONGS®



## DirectTex® AKUSTICO®

Sound-absorbing fabric

Great upholstery material, very high abrasion resistance (class A)

Crepe weave, crease-resistant

Available in 17 colors

Printing methods: UV, Latex and DyeSub

Flame-retardant according to B-s1, d0 DIN EN 13501-1, NFPA 701-2015

Acoustic absorption value 0.90/ A

Type of assembly E-50 according to DIN EN ISO 354

## PrintTex® SILENCIO®

Sound-absorbing material

Unique, three-dimensional woven fabric

100% Trevira CS

2.5, 5 und 10 mm diamond sizes

Available in 21 colors

Printing methods: UV and Latex

Flame-retardant according to B-s1, d0 DIN EN 13501-1,

M1 NF P 92 503-507, ASTM E 84-16

Acoustic absorption value 0.85 / B

Type of assembly E-50 according to DIN EN ISO 354 class B

OEKO-TEX® standard 100

Certified for HP Latex Inks

## DESCOR® PREMIUM Acoustic

Luxurious product for textile wall and ceiling covering

Printing methods: UV

Flame-retardant according to B-s1, d0 DIN EN 13501-1, ASTM E 84-16

Acoustic absorption value 0.90/ A

Type of assembly E-50 according to DIN EN ISO 354

CE and IMO certified



## Flags Strong dynamics

Show the flag with fabrics by PONGS®: real eye-catchers of the highest quality. Thanks to the polyester-based fabric, they are light as a feather, optimally permeable to wind and can withstand extreme loads. Through a hundred percent print on the front and back brilliant results and an intense color density are achieved, giving an illusion as printed on both sides.



textile engineering & production  
made in germany



**PONGES**<sup>®</sup>

Flags



## DirectTex® Flag Supreme

Best flag material on the market

Nearly 100% print through due to special coating

Crease-resistant, extremely lightweight with 90 g/m<sup>2</sup>

Printing methods: UV and DyeSub

Flame-retardant according to B-s1, d0 DIN EN 13501-1

OEKO-TEX® standard 100

## DirectTex® Eco-Beach Jersey

The innovative beach flag with 6% loophole ratio

Ensuring optimal reduction of wind load

High print through

Printing methods: UV and DyeSub

Flame-retardant according to B-s1, d0 DIN EN 13501-1

OEKO-TEX® standard 100

Flags

## Specials

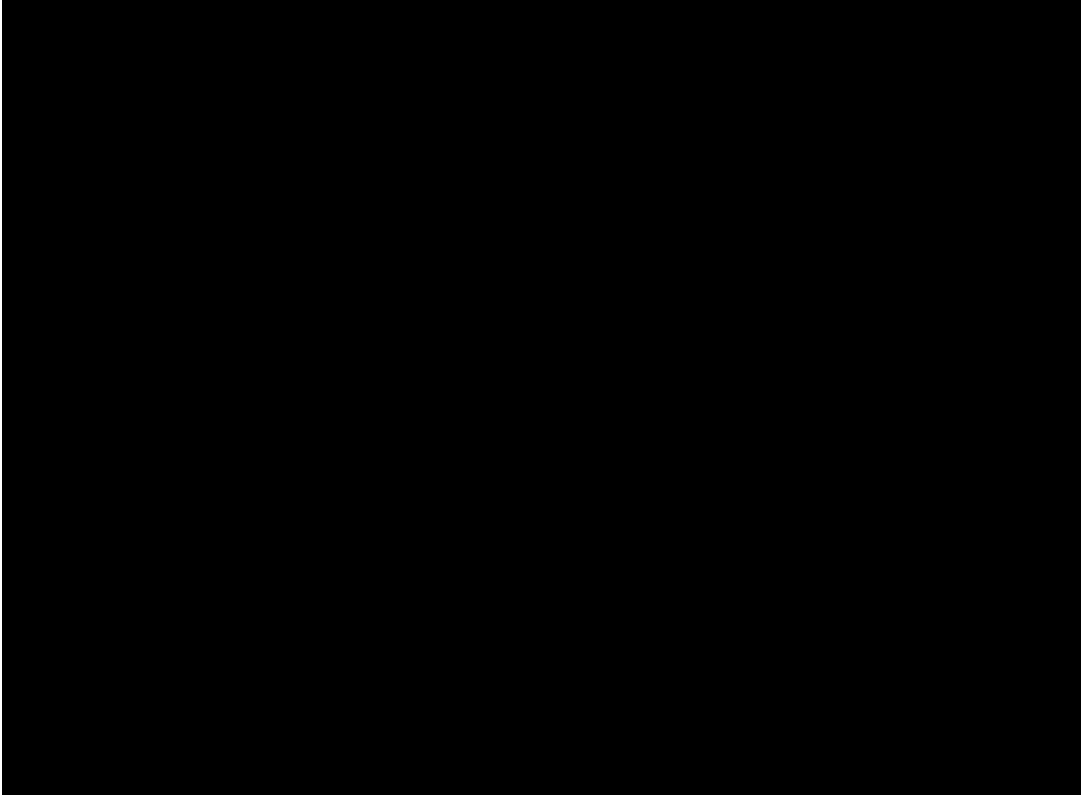
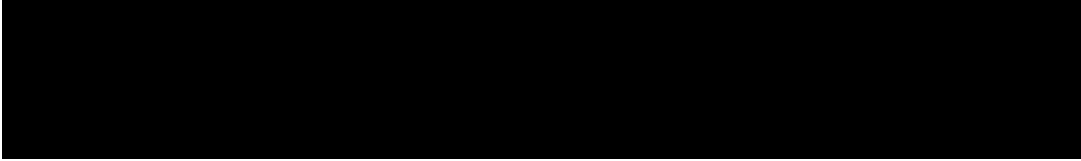
### The best is yet to come

Outstanding innovations give undreamt of freedom. These are our driving force every day: PONGS® continues to develop its technical textiles in order to discover and create clever solutions for the future markets. Thanks to a high degree of textile and chemical flexibility, there are virtually no limits to what PONGS® can do. In this way, we always find new solutions for specific applications and challenge ourselves every day.



 PONGS

Specials



## DirectTex® PES Solid Tarp

And action: the new Polyester Solid Tarp accepts any challenge and is designed for action-packed events, even outdoor

Resistant, water-repellent fabric

Printing methods: UV and DyeSub

Lightfastness grade 7 (DIN EN ISO 105-B02)

Flame-retardant according to B-s1, d0 DIN EN 13501-1

## DirectTex® Spinnaker Economy

Ideal product for sky dancers and blow-ups

For inflatables and airborne advertising

Very lightweight and elastic

The only ripstop material with widths up to 505 cm

Characteristic square structure due to its high tension strengthening threads

Printing methods: UV, Latex and DyeSub

Flame-retardant according to B-s1, d0 DIN EN 13501-1, M1 NF P 92 503-507

OEKO-TEX® standard 100

Certified for HP Latex Inks

## PrintTex® SUNTEX® I & II

Weatherproof sunscreen fabric

High UV stability (UV standard 801)

Dimensionally stable, with water-repellent coating

Universally usable as ceiling suspension or for shading

Ideal for outdoor use

Printing method: UV

Widths up to 505 cm

## SKYLINE (TCS160, TCS240, Alutex)

Excellent fabrics for roller or vertical blinds

For indoor applications

100% Trevira CS, 1/1 S/Z - twisted yarn

Ideally rollable without edge waviness

Flame-retardant, UV resistant

Suitable for ultrasonic cutting

Finished as lamella product

## Interior inspired by PONGS® Always something special

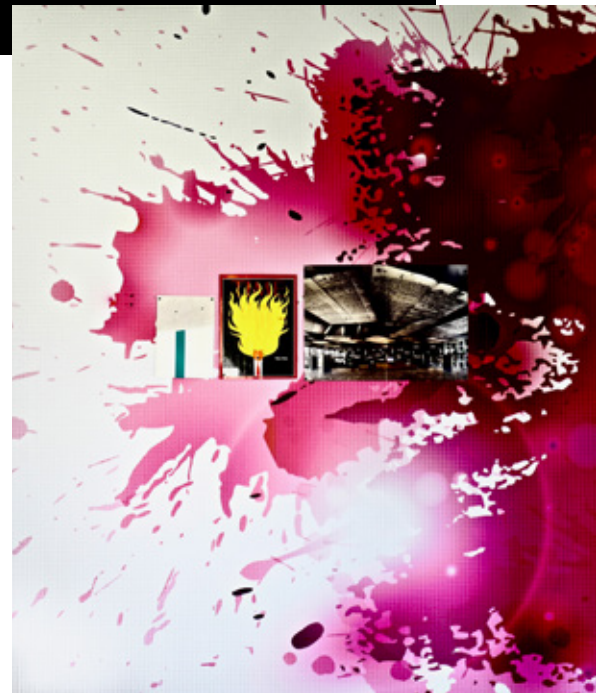
Room design follows no rules and laws. We think out of the box, inimitable design meets sophisticated features. Together, stylish interiors are created from technical textiles - aesthetically and functionally. High-quality wall and ceiling coverings with the DESCOR® system always open up new paths for the visual and functional design of rooms. Furniture and home accessories of the PONGS® Design brand are exciting eye-catchers and at the same time can create a balance in the surround sound. Thanks to sound-absorbing textiles, they not only noticeably improve room acoustics, but also give a comfortable feeling. More unique features, clever characteristics and the full variety of the PONGS® product range can be found online around the clock in our product finder at [products.pongs.com](https://products.pongs.com). Please click through!

 **PONGS<sup>®</sup>**



Interior

## A showroom of superlatives The Villa Lantz



Here wonderful worlds unite and create something outstanding in their interaction. PONGS® and Living Concept Consulting create a globally unique creative hotspot in the historic rooms of the Dusseldorf Villa Lantz, a source of inspiration for international clients, architects and interior designers. The Sales and Creative Department shows an impressive range of textile solutions for innovative interior design, combined with exclusive furniture, noble design and lighting objects by renowned artists and designers.

Thanks to the in-house Print Lab, we at Villa Lantz also welcome international printing machine manufacturers and digital print customers. In close cooperation, print qualities are tested and optimized. This is comprehensive on-site support and service that will help drive product development.



PONGS

Photos by Hamma Design

Showroom

# .02



## The DESCOR® system Textile covering for walls and ceilings

Exclusive room design rediscovered and newly interpreted. DESCOR® is an innovative concept for interior textiles. The modern stretch system for covering walls, ceilings and panels is not just conventional room design - smart DESCOR® textiles combine aesthetics with functionality in perfect harmony and interplay with the DESCOR® mounting system that can transfer any space in not time at all. An intelligent holistic concept. Experience the unexpected - with DESCOR®.

All materials used in the DESCOR® system are designed to reproduce complex motives with high detail sharpness. Unique color rendering and graphically precise contouring give even visionary architectural projects additional impetus. Whether in restaurants, hotels or in your own home: your creativity knows no bounds, because the source of possibilities is simply inexhaustible with DESCOR®.





The DESCOR® System



**PONGS**®

## PRINTERIEUR® A new fascination

Pure aesthetics. PRINTERIEUR® is the new concept for high quality interior and room design by PONGS®. Highest quality graphics and excellent images, especially for the large format and art printing compiled - these are the design templates for decorative fabrics of tomorrow. Always on demand - be the creator of your own visions. Choose one of our distinctive motifs, let it print on our excellent textiles and experience the interior of understated elegance to captivating extravagance.

Together with galleries, renowned artists and photographers worldwide, PONGS® Black Label stands for a limited, copyright-certified collection of images.



Photo by Teddy Marks



Photo by Orion Dahlmann

 PONGS

PRINTERIEUR®





## Kanjo Také

Kanjo Také is the master of 21st century art. He combines painting with technical media such as digital photography and computer. His works are influenced by Western as well as Far Eastern influences. They lead to a previously unseen eruption of fantasy and new images, with which he sees the world and explains it at the same time. Také's impressive, digital montages coming to life in large-format and are predestined for high-quality art reproduction on the finest textiles by PONGS®.

 PONGS

PRINTERIEUR®

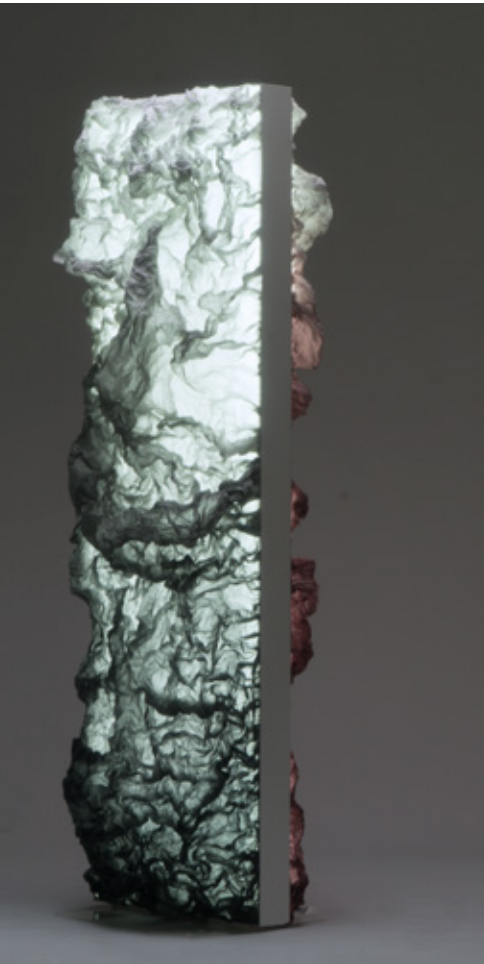
## PONGS® Design That certain something

A treasure trove full of ideas and a design that is second to none: the label PONGS® Design stands vor extravagant interior accessories with that certain something, even according to individual specifications. Aesthetic design and sophisticated features meeting in a very stylish way. Design objects from PONGS® are an exciting eye-catcher and at the same time create a balance in the surround sound - thanks to sound-absorbing textiles. The room acoustics are noticeably improved, creating a comfortable sense of calm.



Photo by Hamma Design

Whether seating furniture, lamps or Soundleaves: all PONGS® design objects can be individually digitally printed in the highest resolution and detail sharpness.



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PONGS® Design

## Visions Together with you

Going ahead is not enough for us, we want to share textile passion and live it every day. In times when global markets are rapidly changing and day-to-day business is developing faster than ever before, it's all the more important to leave your own mark and strengthen your own brand. Quality and consistency make PONGS® stand out in the world markets. The company never loses sight of the zeitgeist, but keeps a constant eye on changing needs and requirements.

In direct exchange with customers and partners, new opportunities arise for reflection and meaningful transfer of knowledge and know-how. Just as we inspire ourselves as a team, PONGS® also distinguishes this mentality in its external actions. Pulling together - that is what drives us in our daily work. That is the tangible added value in the textiles of PONGS®. Effective synergies for a successful future.

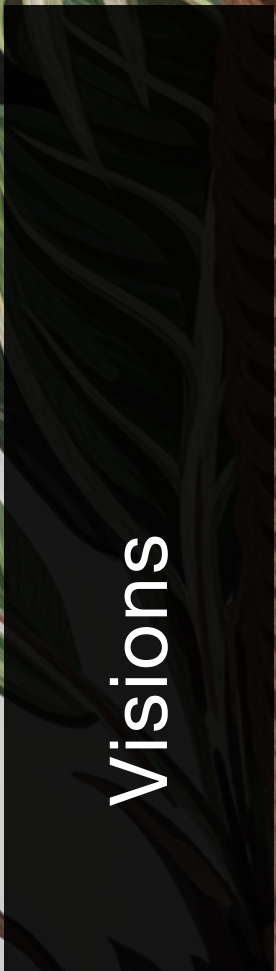
**PONGS®**

**Your partner for textile engineering and production**





**PONGS**®

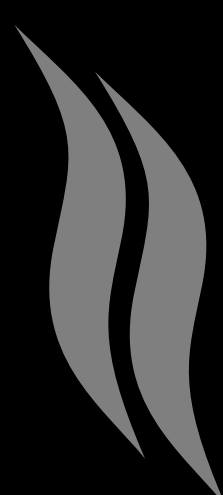


Visions

## Our locations



Location: Stadtlohn  
PONGS Textil GmbH





Location: Düsseldorf  
PONGS Group



Location: Mühltruff  
PONGS Technical Textiles

Our locations

Head Office Stadtlohn

—  
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Sales & Creative Department | Showroom

—  
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Production Mühltruff

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