



ČATEKS

MEDICAL



Company draws its tradition of excellence in textiles since the early days of 1874. Generations of employees have given their best to satisfy the ever changing needs for dependable products that help people feel safe and protected.

What we do – we strive to be perfect.
We consider trust to be the foundation of every good relationship.
Commitment to our customers, but also to each other.
Innovation and creativity at every step of the production process and the ultimate product is our motto.

The variety of knowledge, experience, ideas, characters, strengths, interests allows us to progress and succeed.

ČATEKS MEDICAL

Čateks Medical presents technical materials of medical application that are specific in relation to the conventional materials, considering their composition, production method, as well as the possibility of prolonged use.

Production is made on highly sophisticated coating line with 4 coating heads and hot-melt lamination line in max 220 cm width.

SINCE 1874

CERTIFICATIONS



ISO 9001:2015

Continuous ISO 9001:2015 certification is a testament to company's focus on product quality and customer satisfaction.

It assures the clients that products and services are made to fulfill their demands and it also provides the management constant oversight to ensure continuous growth in quality and efficiency of the production process.



OEKO-TEX® STANDARD 100 class I

Čateks's clients can rest assured that the goods they receive are in sync with highest ecological standards.

The production is carried out in accordance with REACH regulation.



PRODUCTION CENTERS

vertical integration

PC COATING & LAMINATION

- production of coated and laminated materials for a wide range of purposes

PC TEXTILES

- weaving
- printing
- dyeing
- textile finishing

PC CUT & SEW

- garments
- medical products
- homeware

PRODUCTION

50 YEARS OF EXPERIENCE IN
COATING AND LAMINATION



RESEARCH AND DEVELOPMENT



R&D OFFERS:

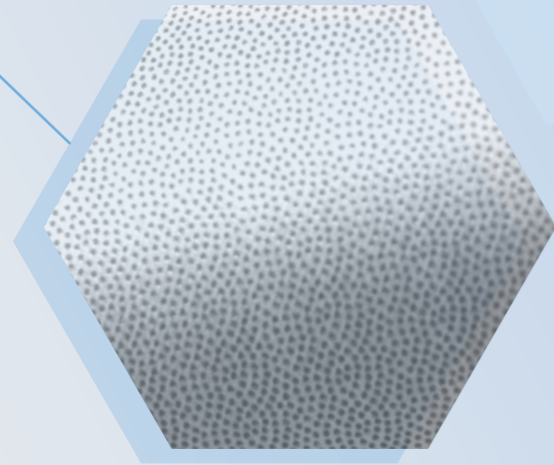
- pilot coating line in width 45cm
- R&D of new materials based on:
 - transfer coating technology
 - direct coating technology
 - hot-melt lamination technology
- development of new recipes
- development of new colours
- possible to countertype any colour
- different service coating

MOST COMMONLY USED POLYURETHANE:

- solvent based PU
- water based PU
- high-solid PU
- breathable microporous or hydrophilic PU



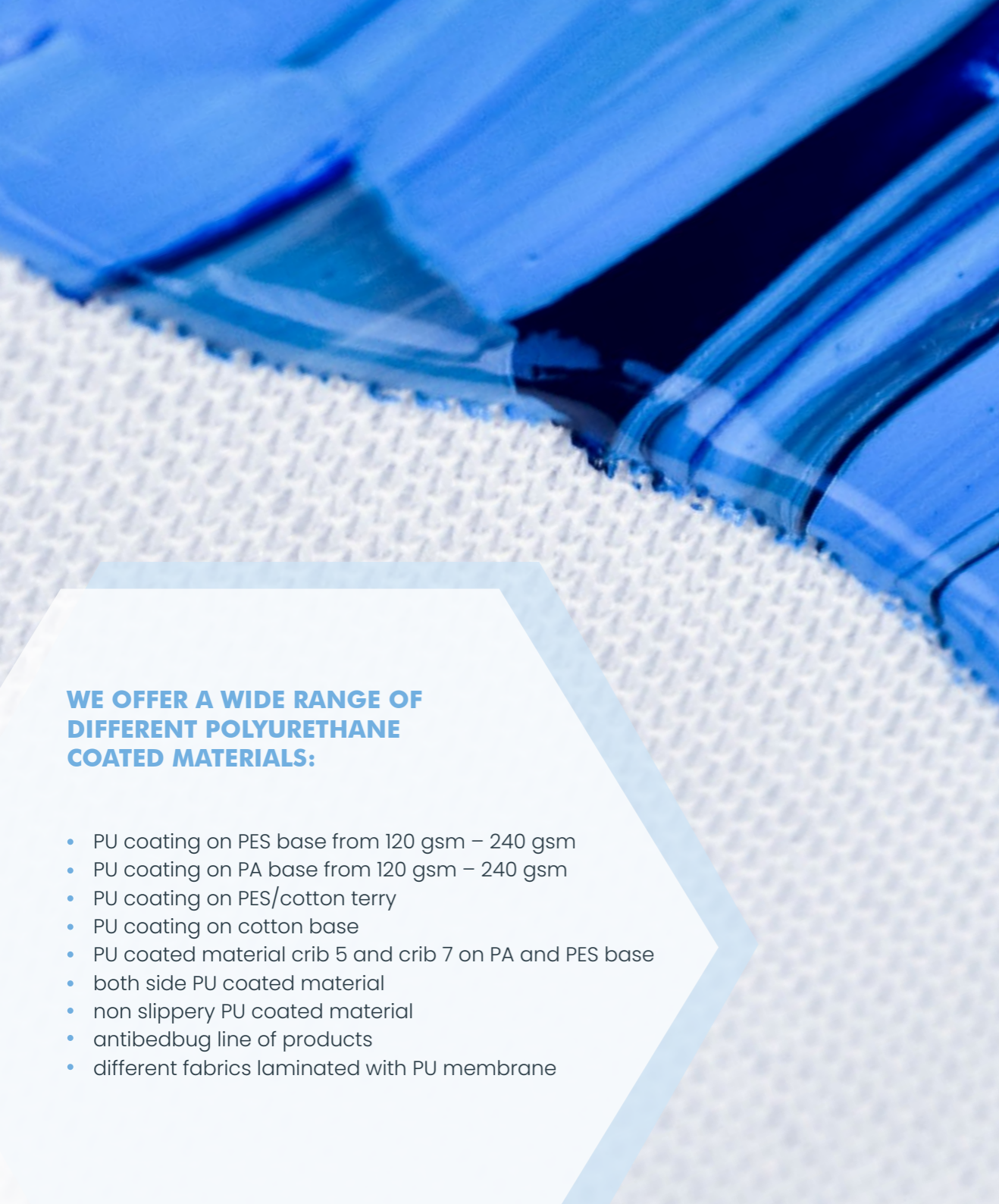
hot-melt laminating
technology



Multi layer materials made by hot-melt technology. Polyurethane membrane as water barrier laminated on different textiles:

- knitwear
- non woven
- terry cloths
- other fabrics

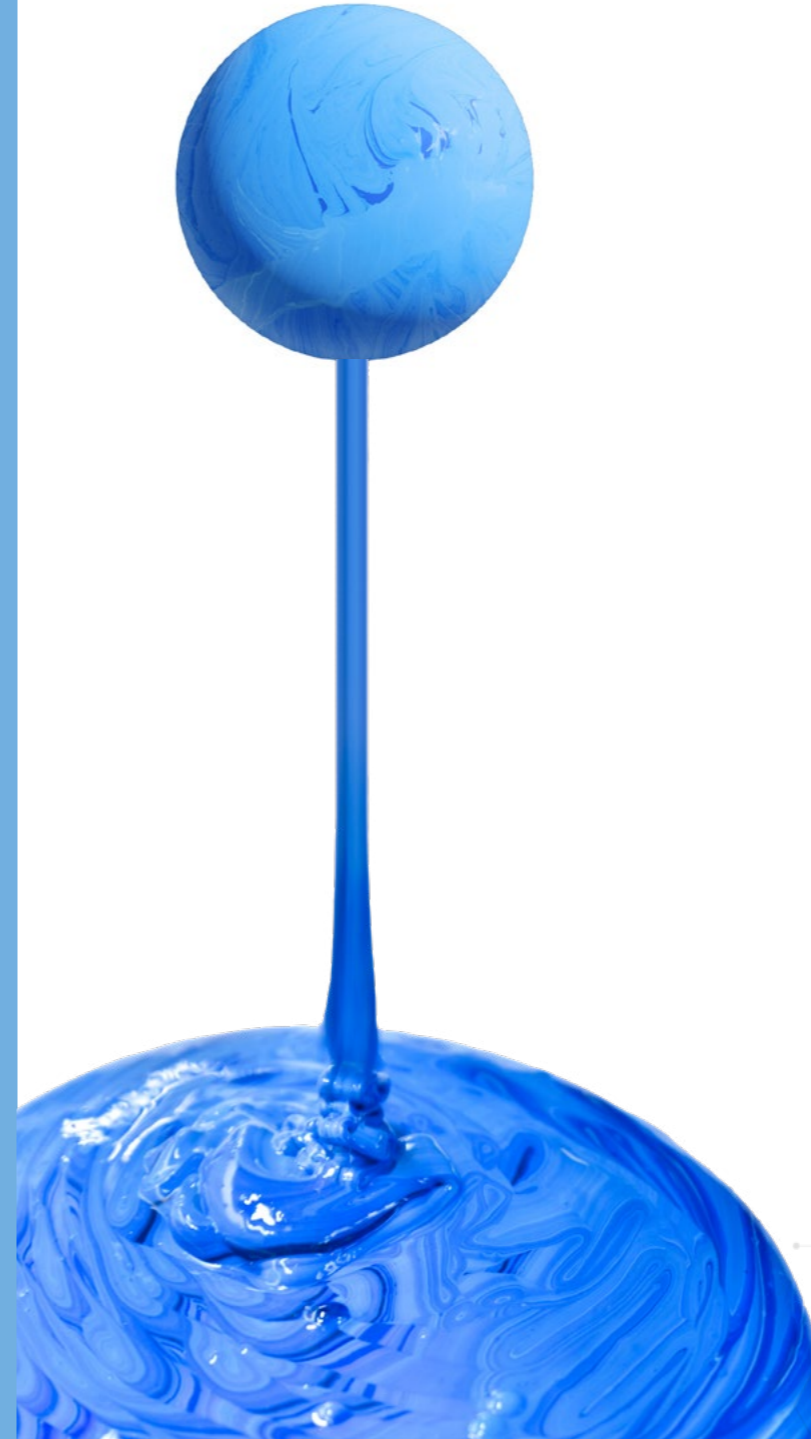




MATERIALS

WE OFFER A WIDE RANGE OF DIFFERENT POLYURETHANE COATED MATERIALS:

- PU coating on PES base from 120 gsm – 240 gsm
- PU coating on PA base from 120 gsm – 240 gsm
- PU coating on PES/cotton terry
- PU coating on cotton base
- PU coated material crib 5 and crib 7 on PA and PES base
- both side PU coated material
- non slippery PU coated material
- antibedbug line of products
- different fabrics laminated with PU membrane



COLOUR PALLETTE

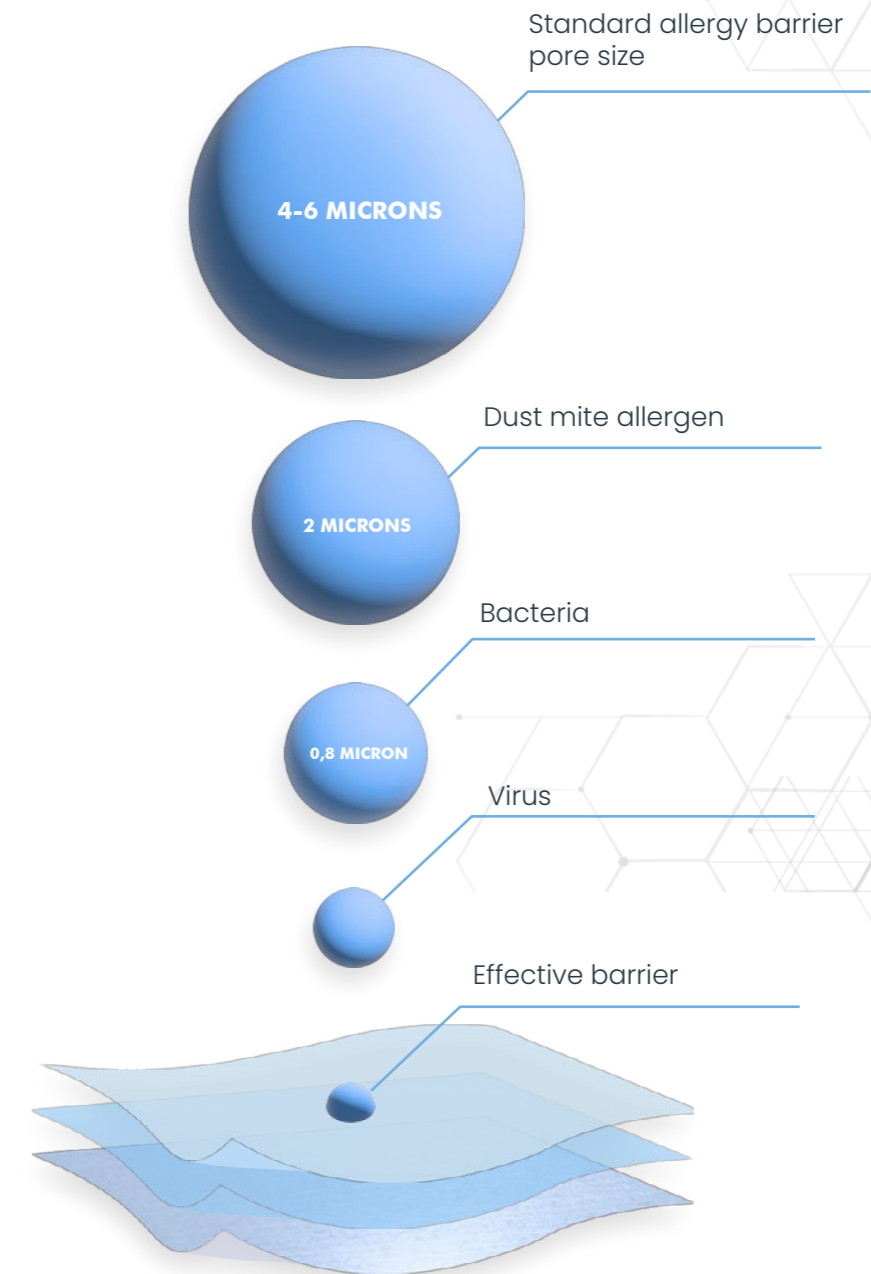


BESIDES A COMPREHENSIVE RANGE OF POPULAR SOLID COLOURS, WE ARE WELL EQUIPPED AND STAFFED TO DEVELOPE ANY SPECIFIC COLOUR BASED ON A SAMPLE OR SPECIFICATION VALUES.

ADVANTAGES OF PU MATERIALS

- strong and durable coating (ISO 2411, ISO 1419)
- waterproof (EN ISO 811)
- breathable (ISO 15496)
- washable at 95°C (EN ISO105-C06, 3759, EN ISO 6330)
- sterilizable at 134°C/5min
- fireproof and halogen-free (BS 7175-Crib 5, Crib 7)
- antibacterial (ISO 20743-2, ISO 22196, ASTM E 2149)
- antiviral (ISO 16604)
- antifungal (ASTM G 21)
- biocompatibility:
 - non-cytotoxic (ISO 10993-5)
 - non-irritating (ISO 10993-10)
- Resistant against commonly used surface disinfectants
- Available on PES, PA, cotton backing
- Elastic in both directions
- Soft touch

MATERIALS



PU COATED MATERIAL PROVIDE A COMPLETE BARRIER FOR VARIOUS FLUIDS (URINE, SWEAT, BLOOD), BUT ALSO FOR DUST MITE ALERGEN, VIRUSES AND BACTERIA.

FINISHED PRODUCTS

From polyurethane coated materials we are sewing or/and welding the following products for hospitals, nursing homes, dormitories, hostels, private households:

- mattress covers with zipper in different models and sizes
- protective mattress topper with rubber band in different models and sizes
- protective pillowcases with zipper or with flap
- wheelchair cushion covers
- the materials are suitable for screen printing

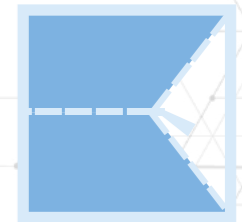
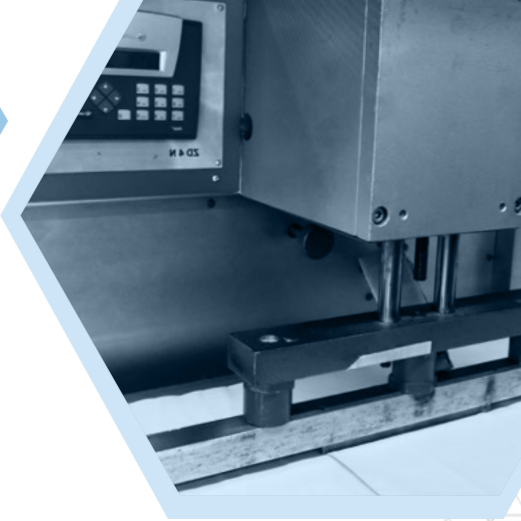
IF THERE IS A DEMAND
FOR A SPECIFIC
PRODUCT, WE ARE
ALWAYS OPEN TO
INNOVATION AND
DEVELOPMENT

PRODUCTS

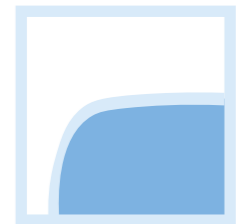
Such protective products enable long-term hygiene because they protect from sweat and moisture ensuring a longer life and protection to the mattress and pillow. **All the products are skin friendly.**

Seams of mattress cover, pillows, bed sheet can be stitched or completely high frequency sealed to achieve the waterproofness, providing complete protection against liquids.

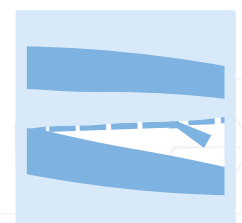
HIGH FREQUENCY SEAM WELDING



Zipped



Elastic



Zipped with flap



GENERAL CHARACTERISTICS OF COATED PRODUCTS

- durable and long-life time fabrics
- excellent hydrolisis resistance
- all fabrics treated against bacteria and fungi are also available in fire retardant version
- ensured longterm hygiene and full protection against unwanted liquids (urine, blood, sweat)
- full barrier against dust mite allergen, bacteria and viruses
- easy maintenance
- washable at 95 °C multiple times and sterilizable
- skin friendly



Antibacterial



Antisoil



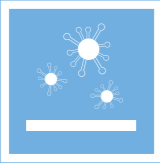
Breathable



Waterproof



Antifungal



Antiviral



Fireproof and Halogen-free



Washable at 95 °C



TERRY CLOTH



ANTIFUNGAL

ANTIVIRAL

ANTIBACTERIAL

WATERPROOF

FIREPROOF

BREATHABLE

WATERPROOF COATED PRODUCTS IN COMMON USE:

- hospitals
- nursing homes
- student homes
- hostels
- private households

We can offer coated products as materials for further sewing or as finished products for end use.

**ČATEKS MEDICAL
IN ACTIVE USE**

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