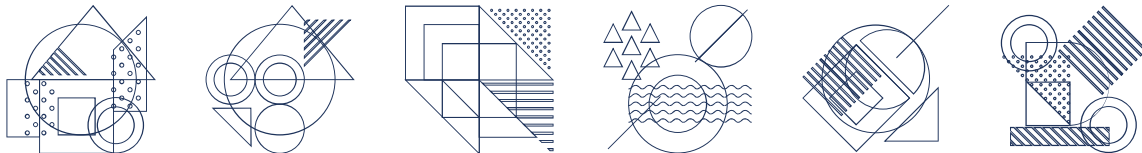
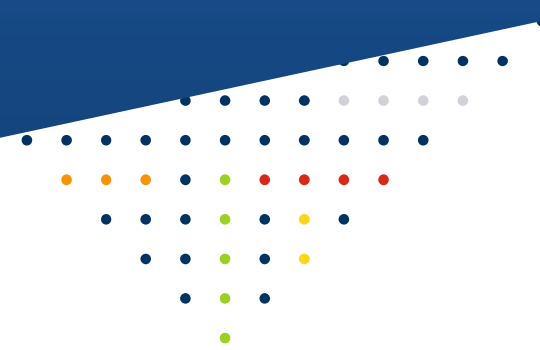




# MASTERPLAST NONWOVEN DIVISION



2020

# Masterplast Nonwoven Division

2 PRODUCTION PLANTS

## ASCHERSLEBEN

GERMANY

- BICO Spunbond nonwoven and inline film extrusion  
Spunbond: 6 000 MT/year
- Film/nonwoven laminate: 8 000 MT/year

## SARSZENTMIHALY

HUNGARY

- mainly PP Spunbonded nonwoven roof underlays 70-220g/m<sup>2</sup>
- 2-4 layer products: 8-30 M m<sup>2</sup>/annum



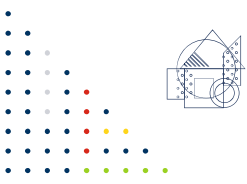
YOUR BUSINESS SERVICE PARTNER PROVIDING INSULATION SOLUTIONS



 **Masterplast Nonwoven GmbH**  
ASCHERSLEBEN, GERMANY

**MAIN FEATURES OF THE PRODUCTION LINE**

- State of the art BICO Spunbond Technology
- 2 Spinning Beams, 2400 mm production width
- Inline film extrusion and lamination
- Biaxial stretching up to 5200 mm width
- Batch additives, inline kiss-roll finishing
- Professional production control and administration system
- Well equipped lab (QA)
- Wide product spectrum (construction, medical, hygiene, furniture, automotive, filtration)
- Recycling technology



 **Masterplast Nonwoven GmbH**  
ASCHERSLEBEN, GERMANY

**CERTIFICATIONS**

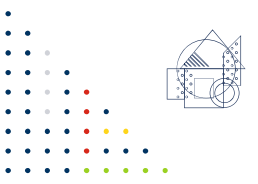
Roof underlayments: CE, BBA, CSTB, SINTEF, CCMC  
Hygiene, masks, PPE: Ökotex, Hyggen, Innovatext

**DEFINITION OF PRODUCTS**

Application dedicated engineered products due to versatile technological options  
Spunbond 2400 mm width, laminate up to 5200 mm width  
Additives/finishing: colour, uv-stabilised, anti-static, hydrophil, hydrophob, fungicide, antibacterial, antiviral, antimite

**RAW MATERIAL CRITERIA'S**

Raw material options: PP/PP, PE/PP, PE/PE, PLA, TPU  
100% recycled raw material possible



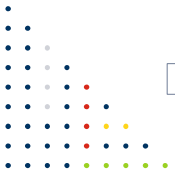


Masterplast Kft.

SÁRSZENTMIHÁLY, HUNGARY

**MAIN FEATURES OF THE PRODUCTION LINE**

- 2-3-4 layer items can be produced
- Reliable German technology
- Offline and online production
- Vapor control layers, vapor barriers, breather membranes
- Thickness and width change-over possible with fast reaction
- Professional production control and administration system
- Wide product spectrum
- 1 or 2 color logo print and private label
- Self-adhesive tape integration option



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# Masterplast Nonwoven Division

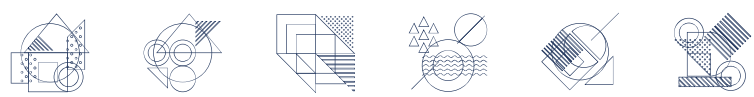
## CONSTRUCTION MARKET

### PRODUCT RANGE (our brands)

- MASTERMAX PREMIUM 100
- MASTERMAX PREMIUM 120
- MASTERMAX PREMIUM 130
- MASTERMAX PREMIUM 150
- MASTERMAX PREMIUM 170
- MASTERFOL VAPOR CONTROL MEMBRANES

### MAIN FEATURES AND SERVICES

- Reliable German technology
- wide product spectrum
- Special colors of the covering layer
- Special roll sizes
- 1 or 2 color logo print and private label
- Self-adhesive tape integration option



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# Masterplast Nonwoven Division

## HYGENE MARKET

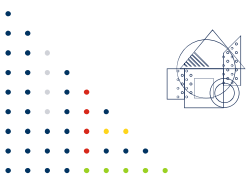
### PRODUCT RANGE

#### Most popular products

- Top sheet
- Core wrap
- Breathable textile back sheet

### MAIN FEATURES AND SERVICES

- Cost efficient inline technology
- Skin friendly soft hand due to PE fibre surface
- Certified products
- Special colors



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# Masterplast Nonwoven Division MEDICAL MARKET

## Face mask and personal protection gown sub-market

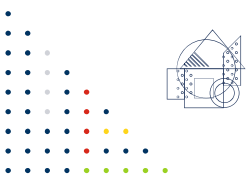
### PRODUCT RANGE

#### Most popular products

- Protective gowns: Linopore 20+20 gsm, 45+30 gsm
- Visitor gowns: PP Spunbond 30-50 gsm
- Face masks: PP Spunbond 15 – 70 gsm, Melt blown 15 – 50 gsm
- Shoe covers, hair covers
- Bed covers: PP Spunbond 30-50 gsm or Linopore 20+20

### MAIN FEATURES AND SERVICES

- Cost effective inline composite technology
- Certified products
- Special colors



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# Masterplast Nonwoven Division

## MEDICAL MARKET – FACE MASK AND PERSONAL PROTECTION GOWN SUB-MARKET

### CERTIFICATES

HOHENSTEIN Textile Testing Institute GmbH & Co. KG  
Schloßstraße 1, 74307 Bismarckheim, Germany

**OEKO-TEX®**  
INSPIRING CONFIDENCE

# CERTIFICATE

The company

**MASTERPLAST Nonwoven GmbH**  
Daimlerstr. 3  
06449 Ascherleben, GERMANY

is granted authorisation according to STANDARD 100 by OEKO-TEX® to use the STANDARD 100 by OEKO-TEX® mark, based on our test report 20.0.07568, 20.0.22160

for the following articles:

Polypropylene spunbonded nonwoven, white, pink and brown, all weights.

The results of the inspection made according to STANDARD 100 by OEKO-TEX®, Appendix 4, product class I have shown that the above mentioned goods meet the human-ecological requirements of the STANDARD 100 by OEKO-TEX® presently established in Appendix 4 for baby articles.

The certified articles fulfil requirements of Annex XVII of REACH (incl. the use of azo colourants, nickel release, etc.), the American requirement regarding total content of lead in children's articles (CPSIA, with the exception of accessories made from glass) and of the Chinese standard GB 18401-2010 (labelling requirements were not verified).

The holder of the certificate, who has issued a conformity declaration according to ISO 17050-1, is under an obligation to use the STANDARD 100 by OEKO-TEX® mark only in conjunction with products that conform with the sample initially tested. The conformity is verified by audits.

The certificate 03.0.8371 is valid until 31.03.2021

Bismarckheim, 21.07.2020

*Dr. P.P. Katuskin*  
Head of Certification Body OEKO-TEX®

**OEKO-TEX®**  
CONFIDENCE IN TEXTILES  
**STANDARD 100**  
03.0.8371 HOHENSTEIN HTTI  
Tested for harmful substances  
www.oeko-tex.com/standard100

OEKO-TEX® Association | Genferstrasse 23 | CH-8002 Zurich

HOHENSTEIN Textile Testing Institute GmbH & Co. KG  
Schloßstraße 1, 74307 Bismarckheim, Germany

**HYGCEN**  
HYGIENE  
PÜTZEN  
SCHUTZ  
GEGEN  
VIRUS

MASTERPLAST Nonwoven GmbH  
Daimlerstraße 3  
06449 Ascherleben  
Deutschland

Bismarckheim, 14.09.2020

**Prüfbericht / test report B 25206**

Labor-Nr. / identification of the test laboratory: B 25206  
Prüfprodukt / test product: 40g/m² Linopore - weich  
Musterbezeichnung / sample designation: AAC\_20\_20\_NNN\_000\_EJ  
Chargen-Bez. / batch number: LP2000390 R60  
Auftraggeber / ordered by: MASTERPLAST Nonwoven GmbH  
Auftragsdatum / date of order: 2020-07-22  
Materialeingang / date of delivery: 2020-07-24  
Prüfzeitraum / period of analysis: 2020-09-03 bis / to 2020-09-13  
Prüfbedingungen / test conditions: Die Prüfung erfolgte im Anlieferungszustand. / The test was done in the delivery state.  
Schutzbekleidung - Leistungsanforderungen und Prüferfahren für Schutzkleidung gegen Infektionserreger / Protective clothing - Performance requirements and test methods for protective clothing against infective agents  
EN 14126:2003/AC:2004

Prüfbericht B 25206

Seite 1 von 9

**INNOVATEXT®**  
Member of the HOHENSTEIN Group

Certificate No.: A-01/2020

# CERTIFICATE

We hereby certify that the  
**MASTERPLAST International Kft.**  
8143 Sárcsizmihály, Ápad u. 11A

the following product meets the requirements of the standards given below.

**Certified product: Linopore 20+20**  
40 g/m2 double-layer, vapor-permeable, waterproof fabric  
50% non-woven polypropylene fleece / 50% membrane

Requirements:

**MSZ EN ISO 13688:2013** Protective clothing. General requirements  
**MSZ EN 13034:2005+A1:2009** Protective clothing against liquid chemicals. Performance requirements for chemical protective clothing offering limited protective performance against liquid chemicals (Type 6 and Type PB [6] equipment) (4.1. Material testing and conformity assessment according to MSZ 14325: 2004)  
**MSZ EN 14605:A1:2009** Protective clothing against liquid chemicals. Performance requirements for clothing with liquid-tight (Type 3) or spray-tight (Type 4) connections, including items providing protection to parts of the body only (Types PB [3] and PB [4]) (4.1. Material testing and conformity assessment according to MSZ 14325: 2004)  
**MSZ EN 14325:2004** Protective clothing against chemicals. Test methods and performance classification of chemical protective clothing materials, seams, joints and assemblages

4.4. Abrasion resistance	class 1	4.5. Flex cracking resistance:	class 3
4.7. Tear resistance:	class 1	4.9. Tensile strength:	class 2
4.10. Puncture resistance:	class 1		
4.11. Permeability: (H <sub>2</sub> SO <sub>4</sub> , 30%)	class 5	(NaOH, 10%)	class 4
4.12. Repeatability to liquids: (H <sub>2</sub> SO <sub>4</sub> , 30%)	class 2	(NaOH, 10%)	class 3
(o-XiCl)	class 2	(Butan-1-ol)	class 2
4.13. Resistance to penetration by liquids: (H <sub>2</sub> SO <sub>4</sub> , 30%)	class 3	(NaOH, 10%)	class 3
(o-XiCl)	class 3	(Butan-1-ol)	class 3

**MSZ EN 14126:2007** Protective clothing. Performance requirements and tests methods for protective clothing against infective agents (4.1. Material testing and conformity assessment)

Performance levels:

4.1.4.1. Resistance to penetration by contaminated liquids under hydrostatic pressure:	class 6
4.1.4.2. Resistance to penetration by infective agents due to mechanical contact with substances containing contaminated liquids:	class 6
4.1.4.3. Resistance to penetration by contaminated liquid aerosols:	class 3
4.1.4.4. Resistance to penetration by contaminated solid particles:	class 3

The certificate covers the sample submitted and the test results indicated above. The test results and the test conditions are contained in the "Summary Report" of INNOVATEXT Co. No. SR-21 (17. September 2020) and the test reports referred to therein.

Budapest, 17. September 2020

*Dr. Livia Kokas Palicska*  
CEO

INNOVATEXT Textile Engineering and Testing Institute Co.  
Gyomri út 86. 1103 Budapest, Hungary



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# Masterplast Nonwoven Division

## FURNITURE AND MATRASSES MARKET

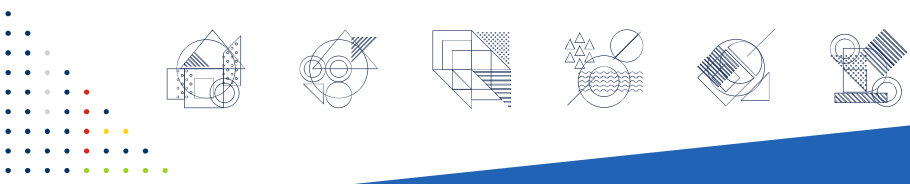
### PRODUCT RANGE

#### Most popular products

- Spring pocket housing, high strength qualities
- Furniture layers, upholstery, separation layers
- Packaging materials

### MAIN FEATURES AND SERVICES

- Basis weight 15 – 90 gsm
- High strength properties at given basis weight
- Anti-mite, antibacterial treatment
- Certified products
- Special colors





# Masterplast Nonwoven Division

## AUTOMOTIVE MARKET

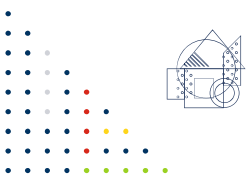
### PRODUCT RANGE

#### Most popular products

- Lamination substrate for Car Cover composites
- Seat covers, head rest covers
- Upholstery separation layers
- PE glue layers
- Deep drawing support layer

### MAIN FEATURES AND SERVICES

- High strength at given basis weight
- Low melting point PE based spunbond
- Low/high elongation quality options
- Excellent uniformity





# Masterplast Nonwoven Division

## AGRICULTURE MARKET

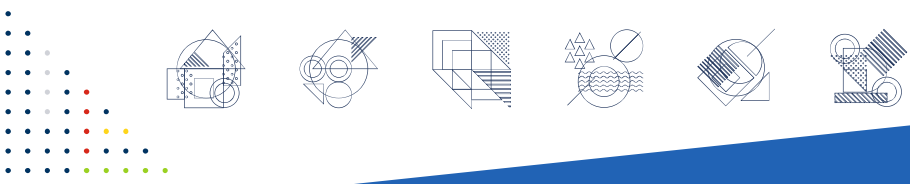
### PRODUCT RANGE

#### Most popular products

- Weed mats and soil covers
- Mulch nonwoven
- Crop cover
- Straw, sugar beet, wood cover

### MAIN FEATURES AND SERVICES

- High UV resistance
- High strength
- High abrasion resistance
- Special colors
- Different roll widths





# Masterplast Nonwoven Division

## FILTRATION MARKET

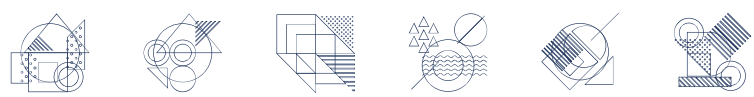
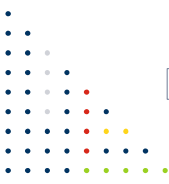
### PRODUCT RANGE

#### Most popular products

- Filtration composite materials

### MAIN FEATURES AND SERVICES

- PP Spunbond 15 -100 gsm
- Pleating possible



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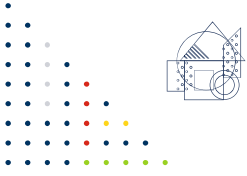
 **Masterplast Nonwoven**  
FURTHER INFORMATION

 **PRODUCTION FILM**  
*[you tube link to video](#)*

 **WEB-SITES**  
 [www.masterplastnonwoven.com](http://www.masterplastnonwoven.com)  
 [www.masterplastnonwoven.de](http://www.masterplastnonwoven.de)

**For detailed product information and quotation,  
contact our personal sales team:**

**MASTERPLAST NONWOVEN DIVISION**  
<https://masterplastnonwoven.com/contacts>



# MASTERPLAST Nonwoven GmbH

Thank you for your attention!

