



TECHTEX

<https://www.techtex.ro/en/>

<https://dralbert.ro/en/>

<https://www.facebook.com/TECHTEXRomania/>

The first medical textiles factory with 100% Romanian capital

- Established in October 2017
- Area of activity: Technical textiles
- Production space: 3 500 sqm (19 000 sqm*), in Maramures & Bihor Counties
- Employees: 120+ (300*)
- TECHTEX is the first Romanian company to manufacture medical and personal protection equipment, as well as the only Romanian manufacturer of polypropylene non-woven material, spunbond and meltblown.

ROADMAP 2020-2022

- **Since April 2020, TECHTEX has started producing protective face masks, and will open in the upcoming months new medical & hygiene divisions**
- TECHTEX is focusing on fast delivery of high-quality orders and customer service, leading to great client satisfaction scores
- **Certifications: ISO 9001, 14001, 13485 for the production of current portfolio: medical devices class I (Mask & Gowns) & PPE**
- **Automation:** TECHTEX has a high level of automation due to new production lines and facilities
- **Innovation:** TECHTEX is focusing on continuous product innovation enabled by a highly competent, talented and entrepreneurial team

*New 19,000 sqm facilities accommodating for 300 employees and new production lines in Baia Mare planned Q4 2020



The plans include investments into new machinery, production lines and buildings to increase TECHTEX's capacity to deliver across all medical, hygiene product categories & technical textiles



Timeline for the Tectex Expansion Plans

Milestones – Portfolio launches timeline	2020				2021				2022			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
New production site												
Surgical masks production line												
FFP2 masks production line												
FFP3												
Surgical gowns production line												
Coveralls production line												
Shoe cover production line												
Surgical caps production line												
Disposable bed sheets production line												
Shopping Bags												
Diaper production line												
Sanitary Napkins												
Wet wipes production line												
Meltblown production line 1.6LM												
Spunbound+meltblown production line 1.6 LM SMMS												
Surgical gloves production line												
Geotextiles												
Sterile Medical Products												
TNT												
Other Technical textiles												



The new **19.000 sqm** factory is located in Baia Mare, on land owned by the Group is functional since July 2021

The factory :

- Has high-performance technological production lines
- Is the only one in Romania to produce Meltblown and SMMS
- Is the first in Europe to produce nitrile gloves



Dr. Albert

Regional strategic production unit, providing textiles and ensuring the necessary quantities for the manufacturing of safe, available and affordable medical and personal protection equipment



TECHTEX HAS SECURED ACCESS TO RAW MATERIALS AND WILL PRODUCE THE KEY MATERIALS IN-HOUSE

TECHTEX WILL IS /WILL MANUFACTURE 10 CATEGORIES OF PRODUCTS WITHIN THE MEDICAL, CONSUMER HEALTH CARE & RECYCLABLE RETAIL BAGS

 Tectex has secured access to the raw materials needed to produce the non-woven materials for the medical & hygiene products.

Non-woven materials produced in-house

-  Roll of meltblown filter material, max width 1.6m
Annual capacity: 1.800 t
-  Roll of spunbond + meltblown filter material, max width 1.6m
Annual capacity: 4 000 t
-  Roll of spunbond PP, max width 3.2m
Annual capacity: 4 000 t
-  Roll of spunlace material, max width 2.5m
Annual capacity: 3 000 t

Additional sourced materials for diapers & gloves

-  Latex Sourced
-  Cellulose pulp Sourced


NON-WOVEN MEDICAL PROTECTIVE EQUIPMENT

	<p>FACE MASKS (SURGICAL & FFP2/FFP3) Material: Meltblown filter 1.6m, spunbond + meltblown filter 1.6m, spunbond PP 3.2m Production: Formed and reinforced with ultrasound Annual production: 600 million units</p>		<p>DISPOSABLE SURGICAL GOWNS & OVERALLS Material: Spunbond + meltblown filter 1.6m Production: Textile material is cut and welded with ultrasound Annual production: 6 million units</p>
	<p>DISPOSABLE SURGICAL CAPS Material: Spunbond PP 3.2m Production: Textile material is cut and welded with ultrasound Annual production: 30 million units</p>		<p>DISPOSABLE BED SHEETS (SURGICAL DRAPES) Material: Spunbond PP 3.2m Production: Textile material is cut and folded Annual production: 7 million units</p>

NON-WOVEN HYGIENE PRODUCTS

	<p>DISPOSABLE DIAPERS Material: Cellulose pulp (sourced), spunbond + meltblown filter 1.6m, spunbond PP 3.2m, spunlace 2.5m Production: Cellulose is injected between the textile layers, then the diapers are formed with ultrasound Annual production: 20 million units</p>		<p>WET WIPES Material: Meltblown filter 1.6m, spunlace 2.5m Production: The textile material is moistened, cut, and packaged Annual production: 4 million packages</p>
	<p>Sanitary Napkins (Menstrual) Annual production: 15 million units</p>		<p>Underpads (Adult, Baby, Pet) Annual production: 10 million packages</p>

NITRILE GLOVES

 **EXAMINATION SURGICAL GLOVES**
Material: Nitrile
Production: The molds pass through successive latex baths, are dried and packed
Annual capacity: 145 million units

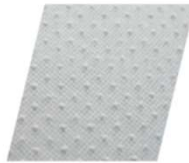
REUSABLE SHOPPING BAGS FOR RETAILERS

 **Polypropylene Bags**
Annual Capacity: 30 million units



Additionally We Are Expanding Our Technical Textiles with a Geotextile line for constructions & agricultural purposes

- We are currently producing:



ASD

Composition: 100% polypropylene underlayer and non-slip silicon dots - silicon mix
Colour: white
Form: solid
Obtained by: "dot coating" followed by hot air oven drying
Weight: non-woven 60 g/m² + silicon dots
Maximum width: 1.6 m
Maximum length: 300 m
Certification: oeko-tex
Testing: per Ikea requirements
Packaging: spools, in adequately labelled polyethylene bags



MCF

Composition: 100 % polyester fibres
Colour: white
Form: solid
Obtained by: mechanical consolidated by needle punching with the possibility or thermal consolidation T1 or T2
Weight: 150 g/m² - 600 g/m²
Maximum width: 2.10 m
Maximum length: 50 m
Certification: oeko-tex
Testing: Chemical testing per IOS-MAT-0010, EN ISO 10319, EN ISO 12236, EN ISO 13433, EN ISO 12956, EN ISO 11058
Packaging: spools, packaged in adequately labelled polyethylene bags



FILTEX

Composition: 100 % polyester fibres
Colour: White
Form: solid
Obtained by: thermal consolidation
Weight: 100 g/m² - 800 g/m²
Width: 1 m - 3 m
Length: according to product weight
Certification: oeko-tex, GRS
Testing: per Ikea requirements, flammability tests per BS 5852
Packaging: spools, packaged in adequately labelled polyethylene bags



LCM

Composition: filtex 100 % polyester fibres + non-woven 100% polypropylene
Colour: white
Form: solid
Obtained by: lamination by hot-melt adhesive
Weight: 100 g/m² - 700 g/m²
Maximum width: 1.6 m
Length: according to product weight
Certification: oeko-tex, GRS
Testing: per Ikea requirements
Packaging: spools, packaged in adequately labelled polyethylene bags



FR TREATMENT

Form: solid
Obtained by: fireproofing by immersion or spraying, followed by hot-air oven drying
Maximum width: 1.6 m
Maximum length: according to customer material
Packaging: spools, packaged in adequately labelled polyethylene bags



HAC

Composition: 100 % polyester fibres
Colour: white
Form: solid
Obtained by: thermal consolidation
Weight: 30 g/m² - 40 g/m²
Maximum width: 1.6 m
Maximum length: 200 m
Certification: oeko-tex
Testing: chemical testing per IOS-MAT 0010
Packaging: spools packaged in adequately labelled polyethylene bags



MELTROM

Composition: 100% polypropylene
Colour: white
Form: solid, as non-woven fabric
Obtained by: extrusion
Weight: 22 g/m²; 25 g/m²; 40 g/m²
Maximum width: 17.5 cm; 26 cm
Maximum length: 2000 km
Filtering efficiency: > 98 %
Packaging: spools, packaged in adequately labelled polyethylene bags



FILTEX DL

Composition: 100 % polyester fibres
Colour: white
Form: solid
Obtained by: thermal consolidation
Weight: 200 g/m² - 700 g/m²
Width: 1 m - 3 m
Length: according to product weight
Certification: oeko-tex, GRS
Packaging: spools, packaged in adequately labelled polyethylene bags



TENROM

Composition: 100% polypropylene
Colour: per customer requirements
Form: solid
Obtained by: extrusion
Weight: 10 g/m² - 150 g/m²
Maximum width: 3.2 m
Maximum length: 8000 m according to requirements and specific weight
Certification: oeko-tex
Testing: per Ikea requirements, flammability tests per 16 CFR 1610
Packaging: spools, packaged in adequately labelled polyethylene bags



WPT

Composition: non-woven 100 % polypropylene + LDPE
Colour: white
Form: solid
Obtained by: extrusion coating
Weight: per customer requirements
Maximum width: 1.6 m
Maximum length: 500 m
Packaging: spools, packaged in adequately labelled polyethylene bags





Environment Responsibility- TECHTEX HAS BECOME A REGISTERED WASTE RECOVERY & RECYCLING OPERATOR

The company wants to use a new business model in the textile industry by promoting the circular economy principles: the sustainable materials management, and the prudent, efficient, and rational usage of natural resources.

Techtex has already made its first investment towards that end by purchasing and commissioning a line for recycling post-industrial polypropylene and polyethylene waste. The line has a capacity of over 100 tons per month. Up to 100% of the resulting material can be used for the extrusion of new polypropylene products. This line will recycle both the waste generated by the group's activity, as well as the post-consumer waste, from Techtex clients. The company is listed in the Registry of licensed economic operators that recover waste, which is maintained by the Ministry of Economy, Entrepreneurship and Tourism.



Dr.Albert®

And we upping the stakes: Textile recycling project

Ecological rationale:

- 95% of current textile waste can be recycled
- 11% recycling in Romania, 47% average in Europe, 32% recycling in the USA, as of 2018
- “zero waste” desideratum opportunity to implement
- **double applicability**: both for companies from which it is collected, and for those who use products from recycled materials
- **recognition** as an example of good

Waste sources:

- Industry
- Public institutions
- Private institutions
- Post-consumer

Collection centers:

- Collection
- Sorting
- Packaging
- Storage



In respect of company's goal of creating a circular economy in textile industry

Type of Products We Sell Under The **Dr.Albert**® Brand Currently



KIDS II MED DEV

Classic elastic string earloop

Adult II & IIR MED DEV

Wide elastic band earloop or classic

FFP2 / KN95/N95 classic with nose foam/ without

FFP2 / KN95/N95 Fishmask

FFP3/KN99/N99 2021



Dr.Albert®

Dr Albert FFP3 Protective Mask CUP-2026 1 pcs/ pack



PERSONAL PROTECTIVE EQUIPMENT

Filtering efficiency $\geq 99\%$ at 0.3 microns

Leakage $< 1\%$

Overall protective foam

Nose Cushion for extra comfort

Certification Body: GÉPTESZT Kft. Identification number: 2233 Address: Jablonka St. 1037 Budapest, HUNGARY

The product is manufactured according to the provisions of the Regulation (EU) no. 425/2016. Personal protective equipment, category III.

LAYERS: 5

AVAILABLE OPTIONS :1 individual wrapped pieces with individual EAN CODE /Box 60 Packs/ white carton board SRP.



Dr.Albert®



Dr Albert FFP2 Protective Mask MPR1200 10 pcs/ pack



PERSONAL PROTECTIVE EQUIPMENT

Filtering efficiency $\geq 94\%$ at 0.3 microns

Nose Cushion for extra comfort & tightness on all face types

Certification Body: GÉPTESZT Kft. Identification number: 2233 Address: Jablonka St. 1037 Budapest, HUNGARY

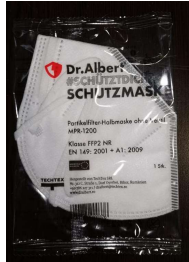
The product is manufactured according to the provisions of the Regulation (EU) no. 425/2016. Personal protective equipment, category III.

LAYERS: 5

SIZE: one size Length: 155 mm +/- 5 mm, Width: 107 mm +/- 5 mm,

Maximum opening: 170 mm

AVAILABLE OPTIONS :10 individual wrapped pieces with individual EAN CODE /Box -12 Packs/ white carton board SRP.



Dr.Albert®

Dr Albert FFP2 Protective Mask MPR1504 10 pcs/ pack Premium “FFP2 And A Half”



PERSONAL PROTECTIVE EQUIPMENT

Filtering efficiency $\geq 94\%$ at 0.3 microns

Nose Cushion for extra comfort & tightness on all face types

Certification Body: GÉPTESZT Kft. Identification number: 2233 Address: Jablonka St.

1037 Budapest, HUNGARY

The product is manufactured according to the provisions of the Regulation (EU) no. 425/2016. Personal protective equipment, category III.

LAYERS: 5

SIZE: one size Length: 155 mm +/- 5 mm, Width: 107 mm +/- 5 mm,

Maximum opening: 170 mm

AVAILABLE OPTIONS :10 individual wrapped pieces with individual EAN CODE /Box -12

Packs/ white carton board SRP.



Dr. Albert

Dr Albert FFP2 Mask “Fishmask” SLIM -1308 10 pcs/ pack



PERSONAL PROTECTIVE EQUIPMENT

Filtering efficiency $\geq 94\%$ at 0.3 microns

Nose Cushion for extra comfort & tightness on all face types

Certification Body: GÉPTESZT Kft. Identification number: 2233 Address: Jablonka St. 1037 Budapest, HUNGARY

The product is manufactured according to the provisions of the Regulation (EU) no. 425/2016. Personal protective equipment, category III.

LAYERS: 4

SIZE: one size Length: 205 mm +/- 5 mm , Width:80 mm +/- 5 mm,

Maximum opening: 120 mm +/- 5 mm

AVAILABLE OPTIONS :10 individual wrapped pieces with individual EAN CODE /Box -12 Packs/ white carton board SRP.



Disposable respiratory protective masks single use SLIM-1308



Dr. Albert®



DR Albert Surgical Mask IIR

Description :

Disposable surgical mask Type IIR

Medical device class 1, 3 layers, 3 folds

Filtering efficiency $\geq 98\%$

R:= Splash resistant

Mask certified per standard EN 14683:2019 AC:2019,

First placed on the market & Registered in Romania

The producer is ISO 9001, ISO 14001 and ISO 13485 certified

LAYERS: 2 spunbound layers (nonwoven fabric) and 1 meltblown layer (filter material)

SIZE: one size (17.5 x 9.5 cm)

AVAILABLE OPTIONS : 50 pcs/box wide band and regular elastic string earloop



SAFEMASK

Disposable surgical masks, type IIR



Dr. Albert®

DR Albert Surgical Mask II

MEDICAL SAFETY GEAR

Dr.Albert® Safemask

Disposable surgical mask Type II

Medical device, 3 layers, 3 folds

Filtering efficiency $\geq 98\%$

Mask certified per standard EN 14683:2019 AC:2019,

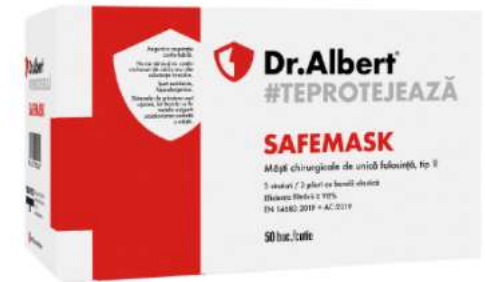
First placed on the market & Registered in Romania

The producer is ISO 9001, ISO 14001 and ISO 13485 certified

LAYERS: 2 spunbound layers (nonwoven fabric) and 1 meltblown layer (filter material)

SIZE: one size (17.5 x 9.5 cm)

AVAILABLE OPTIONS :30, 50 pcs/box with wide elastic band or regular earloop



SAFEMASK

Disposable surgical masks, type II



Dr.Albert®



DR Albert Surgical Mask Kids

MEDICAL SAFETY GEAR

Dr.Albert® Safemask

Disposable surgical mask Type II

Medical device, 3 layers, 3 folds

Filtering efficiency $\geq 98\%$

Mask certified per standard EN 14683:2019 AC:2019

First placed on the market & Registered in Romania The producer is ISO 9001, ISO 14001 and ISO 13485 certified

LAYERS: 2 spunbound layers (nonwoven fabric) and 1 meltblown layer (filter material)

SIZE: one size (17.5 x 9.5 cm)

AVAILABLE OPTIONS :30, 50 pcs/box with regular earloop



SAFEMASK KIDS

Disposable surgical masks for kids, type II



Dr.Albert®

Disposable Shoe Covers – Non sterile BUF-15

The product aims to provide protection against particle transfer and to provide basic protection against the transmission of infections.
Registered as a medical device class 1

Product Description:

- made of polyethylene plastic foil with elastic
- Single use
- Non-sterile
- Color : blue
- Applicable standard :SR EN 13795
- Product class : PPE according to regulation UE 2016/425.
- Packaging : 50 pieces/ shrink wrap.



Disposable TNT Shoe Covers – Non sterile BTS-020



The product aims to provide protection against cleaning agents

Product Description:

- made of non-woven polypropylene spunbond 20 G
- Single use
- Non-sterile
- Color : White
- Packaging : 50 pieces/ shrink wrap.



MADE IN
EUROPE

Dr.Albert®

Non Reusable surgical caps CAP-15

CAP-15 aim is to provide protection against poorly acting cleaning agents or prolonged contact with water

Product Description:

- made of non-woven polypropylene spunbond 10 G
- Single use
- Color : White
- Packaging : 100 pieces/ shrink wrap.



Disposable Waterproof Coverall CUFI-40

The product aim is to provide protection against particle transfer and to provide basic protection against the transmission of infections.
Produced according to SR EN 13795-1 : 2019 standard , registered as medical device class 1

Product description:

- Textile overall made of non-woven polypropylene fabric covered with a polyethylene foil, with zipper, cuffs and elastic ankles and shoe cover
- Waterproof
- Disposable
- Non-sterile
- Seams covered with waterproof tape for extra protection
- Long sleeves
- Tear resistant
- Color : White
- Sizes: from S- XXXL



40 G Disposable Waterproof Gown HUFI-40

Product is aimed for the medical personnel from hospitals to carry out specific activities

Produced according to SR EN 14126 : 2004 standard , registered as medical device class 1

Product description:

- Textile overall made of non-woven polypropylene fabric covered with a polyethylene foil with elastic cuffs
- Waterproof
- Disposable
- Non-sterile
- Long sleeves
- Tear resistant
- Color : White
- Sizes: Universal



40 G Examination/Visitor Disposable Gown HUF-40

Products is aimed to be wore by visitors in hospitals, offering basic protection against particle transfer , helping to prevent the spread of infections and viruses

Product description:

- Textile overall made of non-woven polypropylene fabric covered with a polyethylene foil with elastic cuffs
- Waterproof
- Disposable
- Non-sterile
- Long sleeves
- Tear resistant
- Color : White
- Sizes: Universal





SOON



Nitrile Gloves 100% made in EU first batch SEP 2021

3 Types of nitrile gloves

1. Cat I PPE (for Horeca Industry EN 420:2003+A12009, PPW Regulation 2016/425, REACH regulation 1907/2006)- Sep 25st Batch
2. Cat III PPE- After Nov 2021
3. Cat III PPE& Medical Device Registration= examination gloves -After Oct 2021

Below the standards the products will be tested against:

1. Medical device Regulation

Standards	Product class
EN 455-1	Class I Directive (MDD) 93/42/EEC
EN 455-2	Class I Directive (MDD) 93/42/EEC
EN 455-3	Class I Directive (MDD) 93/42/EEC
EN 455-4	Class I Directive (MDD) 93/42/EEC

2.1 PPE Regulations for cat I

Standards	Product class
EN ISO 21420	Category I REGULATION (EU) 2016/425

2.2 PPE regulation for Cat III

Standards	Product class
EN ISO 21420	Category III REGULATION (EU) 2016/425
EN 374-1	Category III REGULATION (EU) 2016/425
EN 374-2	Category III REGULATION (EU) 2016/425
EN 374-4	Category III REGULATION (EU) 2016/425
EN 374-5	Category III REGULATION (EU) 2016/425
EN 16523-1:2015	Category III REGULATION (EU) 2016/425
EN 388	Category III REGULATION (EU) 2016/425

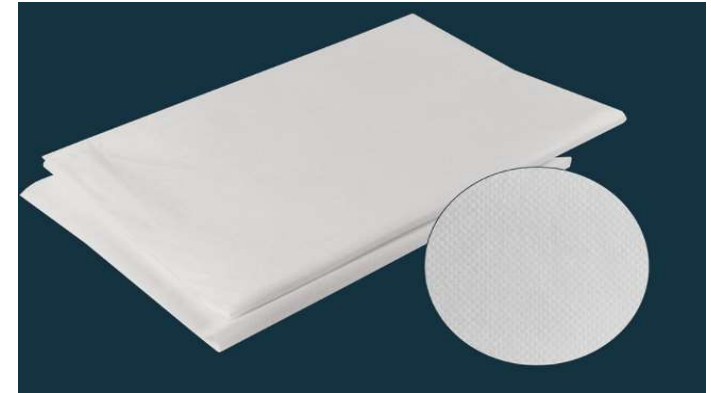


Dr. Albert

Disposable Bedclothes

- Non-woven polypropylene disposable bedclothes for hospital rooms,
- The set contains bedsheets, pillow covers and duvet covers
- Sizes can be customized based on needs for example:

Size cm	Bedsheet	Duvet cover	Pillow cover
var 1	140X240	140X240	50X80
var 2	150X210	150X200	75X90



MOQ & leadtime

- Minimum Full pallet order/ sku
- Minimum Full truck 33 pallet / order
- Leadtime for German, English , French, Italian language pack for full truck orders 2 days to load & arrange transportation after receiving the orders + regular transit time to the desired destination. The above leadtimes are valid based on firm agreement in place, forecast and regular goods. Any customization adds additional time.



Example Packaging- All masks are in 12 skus/ outercase SRP,
on standard EURO-Pallet



Shopping Bags

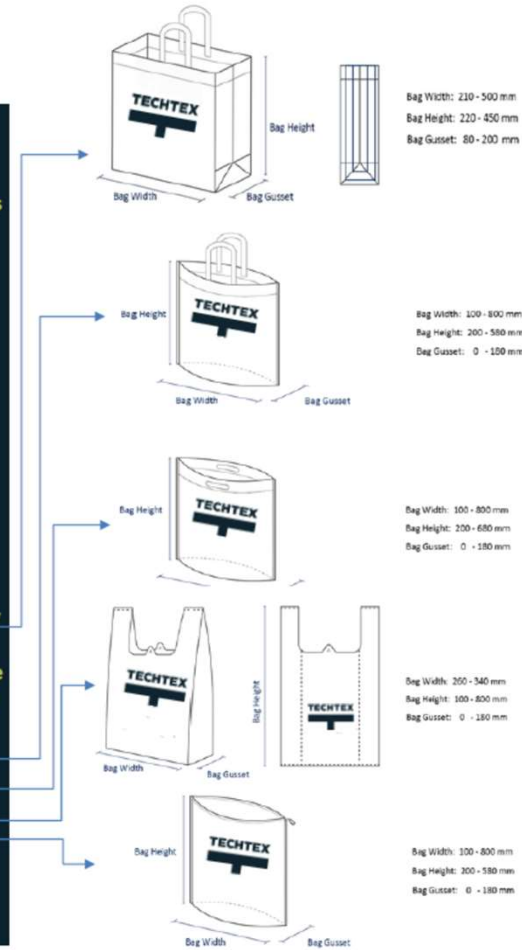


Packaging division



Our Packaging division include all necessary equipments to get the reusable shopping bags from granules to finished goods:

- Spunbond PP extrusion lines
- Slitter rewinder
- 6 color, 1.6m flexo printing
- 8 color, 1.6m Rotogravure
- 1.6m Extrusion coating and lamination line
- Automatic 3D box bag production line – 120.000pcs/day
- Automatic 2D bag production line that can process 110.000pcs/day of:
 - Handle bags
 - D-cut bags
 - T-shirt bag
 - Shoes bag





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