



**COMPANY
PRESENTATION**

MAY 2020

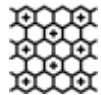
Strictly confidential

TechTex is Romania's leading non-woven fabric manufacturer.



- Established in October 2017
- Administered by Ileana-Nadina Turc and Anca-Corina Mihai
- Plant Manager: Nadina Turc
- Area of activity: Technical textiles
- Production space: 3 500 sqm (**16 000 sqm***)
- Employees: 20+ (**300***)
- TechTex is the first and only non-woven fabric manufacturer in Romania

PRODUCTS



TECHNICAL TEXTILES
NON-WOVEN MATERIALS OF DIFFERENT DENSITIES, COLOURS AND LENGTH (VIRGIN POLYPROPYLENE)



MEDICAL EQUIPMENT (2020)

- SURGICAL FACE MASKS
- SURGICAL OVERALLS & GOWNS
- FFP2/FFP3 FACE MASKS
- SURGICAL BED SHEETS
- SURGICAL CAPS
- SURGICAL LATEX GLOVES



PERSONAL HYGIENE (2020)

- DIAPERS
- WET WIPES

LOCATION

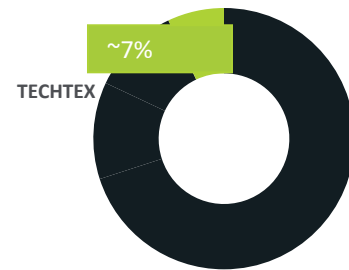
BIHOR COUNTY

MARAMURES COUNTY



*New 16,000 sqm facilities accommodating for 300 employees and new production lines in Baia Mare planned Q4 2020

SHARE OF GROUP REVENUE



ROADMAP 2020-2022

- TechTex has since April 2020 started producing protective face masks, and will in the upcoming months open new medical & hygiene divisions
- TechTex is focusing on fast delivery of high-quality orders and customer service, leading to great client satisfaction scores
- **Automation:** TechTex has a relatively 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

TECHTEX



Objectives



Our objective is to develop a regional strategic production facility that offers a wide range of medical and hygiene products that are safe, available and affordable.

And by doing so we will also:



Secure the access to medical protection equipment in time of crises.



A secure and affordable price



Create 300 new jobs



Faster Production time



Continuous research and development on new materials and products



Building on their competency within non-woven technical textiles, Tectex has started producing face masks for the Romanian market and has plans for additional expansion.

OBJECTIVE



“Our objective is to develop a regional strategic production facility that offers a wide range of medical and hygiene products that are **safe, available and affordable**.”

By doing so we will also

- Secure national access to medical protection equipment
- Reduce production and delivery time”

- Tectex Management

IN CLOSE COLLABORATION WITH THE ROMANIAN GOVERNMENT



Tectex has been in close dialogue with the **Minister of Economy, Energy and Business**, throughout the planning stages and has received a **bank loan with governmental warranty totaling 20 mEUR** for the new medical equipment production lines.



TECHTEX HAS ALREADY STARTED THEIR FACE MASK PRODUCTION AND ARE ON SCHEDULE TO RAMP UP THE PRODUCTION CAPACITY FURTHER



APRIL 2020
First production line (surgical masks)
10 million masks per month

Possibility to provide **polypropylene non-woven raw material** for a wide range of **surgical protective equipment**:

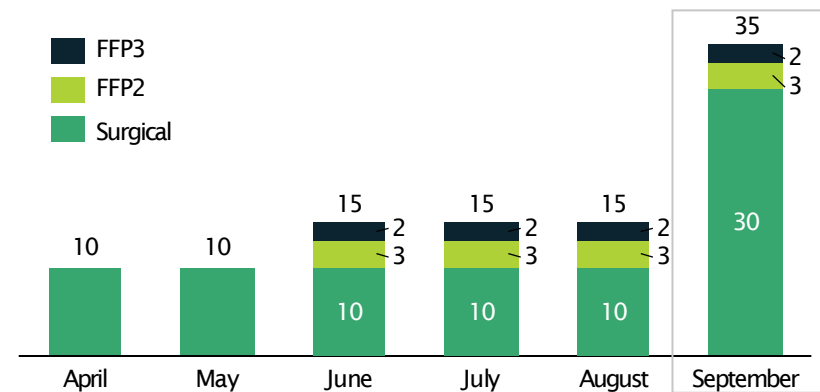
- Gowns
- Caps/bonnets
- Footwear
- Bed sheets



JUNE 2020
Additional production lines, incl. FFP2 & FFP3 masks
15 million masks per month

Tectex is gradually scaling up the production of face masks to **15m units per month**. There is further potential to increase the capacity to **35m masks per month** from September.

PRODUCTION CAPACITY FOR MEDICAL FACE MASKS (mUnits/month)



POTENTIAL TO INVEST IN A NEW SURGICAL MASK MACHINE WITH 20 M / MONTH IN ADDITIONAL CAPACITY

Moving forward, Techtex will invest further in a medical and personal hygiene non-woven production division within TechTex, consisting of seven key products in high demand.

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



Techtex 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: 600 t



Roll of spunbond + meltblown filter material, max width 1.6m
Annual capacity: 4 000 t

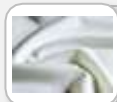


Roll of spunbond PP, max width 3.2m
Annual capacity: 3 000 t



Roll of spunlace material, max width 2.5m
Annual capacity: 8 000 t

Additional sourced materials for diapers & gloves



Latex Sourced



Cellulose pulp Sourced

TECHTEX WILL START PRODUCING 7 NEW PRODUCTS WITHIN THE MEDICAL AND HYGIENE CATEGORIES

NON-WOVEN MEDICAL PROTECTIVE EQUIPMENT



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: 150 million units (350m if expanded)



DISPOSABLE SURGICAL GOWNS & OVERALLS

Material: Spunbond + meltblown filter 1.6m
Production: Textile material is cut and welded with ultrasound
Annual production: 4 million units



DISPOSABLE SURGICAL CAPS

Material: Spunbond PP 3.2m
Production: Textile material is cut and welded with ultrasound
Annual production: 30 million units



DISPOSABLE BED SHEETS (SURGICAL DRAPES)

Material: Spunbond PP 3.2m
Production: Textile material is cut and folded
Annual production: 7 million units

NON-WOVEN HYGIENE PRODUCTS



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: 15 million units



WET WIPES

Material: Meltblown filter 1.6m, spunlace 2.5m
Production: The textile material is moistened, cut, and packaged
Annual production: 1 million packages

LATEX GLOVES



SURGICAL LATEX GLOVES

Material: Latex (sourced)
Production: The molds pass through successive latex baths, are dried and packed
Annual capacity: 145 million units

Pictures are only illustrative

The plans include investments into new machinery, production lines and buildings to increase TechTex’s capacity to deliver across all medical and hygiene product categories.

TENTATIVE PROJECT PLAN FOR ESTABLISHING THE MEDICAL AND HYGIENE PRODUCTION LINES

Time and investment estimates based on offers from suppliers of machinery (subject to change).

Milestones – tentative project plan	2020										2021
	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	
Building	[Green bar from Apr to Sep]										
Surgical masks production line ✓	[Green bar in Apr]										
FFP2 & FFP3 masks production line ✓	[Green bar in Apr]	[Green bar in May]									
Spunbound production line 1S-3.2LM	[Green bar from Apr to Sep]										
Surgical gowns production line	[Green bar from Apr to Oct]										
Surgical caps production line	[Green bar from Apr to Oct]										
Disposable bed sheets production line	[Green bar from Apr to Dec]										
Diaper production line	[Green bar from Apr to Jan 2021]										
Wet wipes production line	[Green bar from Apr to Jan 2021]										
Melt-blown production line 1.6LM	[Green bar from Apr to Jun]										
Spunbound+meltblown production line 1.6 LMSMMS	[Green bar from Apr to Dec]										
Latex gloves production line	[Green bar from Apr to Sep]										

The Group’s bank loan with governmental warranty will be used to cover the investments.

THE INVESTMENTS ARE COVERING NEW FACILITIES AND TECHNOLOGY FOR THE NEW PRODUCTION LINES

New and expanded production facilities for TechTex



Techtex has identified a suitable area for constructing **new production facilities** to accommodate for TechTex’s expanded production lines.

The new **16.000 sqm** factory will be located in Baia Mare, on land owned by the Group. With construction permits already in place the construction can start fast and is expected to be completed and fully operational by Q4 2020.

High-performance technological production lines



Techtex is acquiring in total **4 new machineries** to produce the materials required, as well as **8 new high-performance technological production lines** for the assembly of the products. In addition, the Group is considering purchasing an additional surgical mask machine, increasing capacity with 20m surgical masks per month.

Conclusion

“Our goal is for Techtex to become the biggest regional strategic manufacturer of medial and hygiene products that are safe, available for everybody and affordable.”

Thank-you!

