



EU-based Nonwovens industry support during the COVID crisis

5.1.2a

- EDANA

EU Protective Equipment against COVID-19 - 17 September 2020

Key Milestones

- Tue 10 March: Message sent to DG GROW.
- Sun 15 March: Meeting with Cabinet Breton, Euratex & ESF.
- Thu 19 March: Start of the matchmaking process between ESF & EDANA.
- Thu 19 March: First mapping of MB provided to the Commission.
- Tue 24 March: Launch of the Euratex on-line tool (new matchmaking) and EDANA pro-active contacts with relevant companies, start of mapping of masks producers.

Matchmaking between suppliers of nonwovens and masks producers (more than 60 companies).

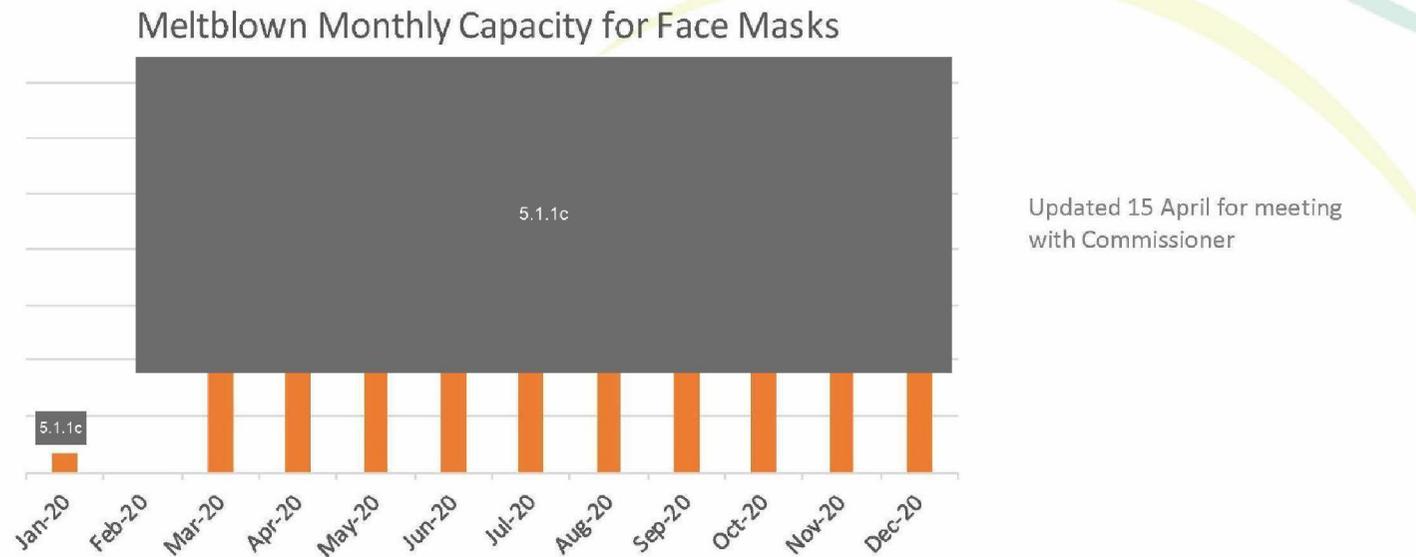
Mapping of masks producers (more than 100 companies) capabilities.

Nonwovens used



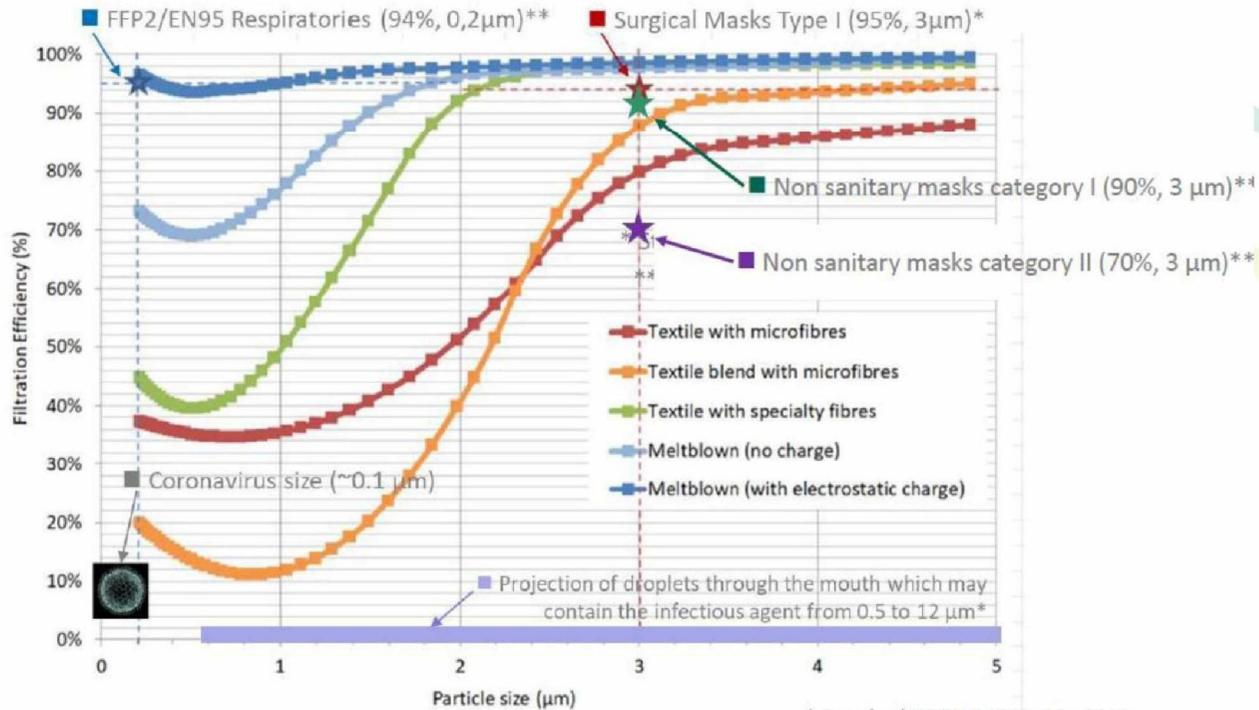
Quick response of the EU Nonwovens industry

- Fri 27 March: Timeline of MB (EDANA survey) sent to the Commission.



Meltblown Electrostatic Charged

Filtration Efficiency vs. Particle Size



* Standard NF EN 14683+AC : 2019

** Standard NF EN 149+A1 : 2009

*** Regulations AFNOR SPEC 76-001 : 2020

Source : ENSAIT – GEMTEX Laboratory – June 2020

|| A sustainable European face masks supply chain

Why is a sustainable European face masks supply chain key to protect the health of European citizens ?

Electrocharged Meltblown is the only material with filtering efficiency for sub-micron particles

But

Is the performance of electrocharged meltblown compatible with?:

- Humidity during air shipping and container sea shipping
- Contact with metal

Short, door-to-door and certified supply chains are safer.

Adaptation of transport conditions to preserve the meltblown properties would potentially cancel the economic benefit of sourcing in low-cost countries.

Other contributions

Nonwovens materials with a range of finishes including liquid repellent, virus proof and bacterial barrier properties have been developed for many applications :



- Surgical: single-use caps, gowns, face masks, scrub suits shoe covers, head covers
- Drapes, wraps and packs
- Sponges, dressings and wipes
- Bed linen
- Contamination control gowns
- Examination gowns
- Lab coats
- Tissue scaffolding
- Isolation gowns
- Trans-dermal drug delivery
- Shrouds
- Underpads
- Procedure packs
- Heat packs
- Ostomy bag liners
- Fixation tapes
- Incubator mattress
- Sterilisation wraps (CSR wrap)
- Wound care
- Cold/heat packs
- Drug delivery (patches etc.)

Contact:

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Visit the EDANA website - www.edana.org