

Ahlstrom-Munksjö

Extia[®] Protect

Protection,
Filtration Performance
and Reliability

Civil Masks – Americas

Protective, reliable and competitive media for civil masks, compliant with international standards, including French standard AFNOR S76-001 Category 1

Ahlstrom-Munksjö is a leading, global manufacturer of high performance fiber based solutions, with over 25 years experience manufacturing products for the medical and filtration industries.

We offer a complete range of high quality wet-laid nonwovens for the manufacture of civil masks.

Our offer includes:

- High-performance filter media compliant with international standards, including French Standard AFNOR S76.001 Category 1
- Comfortable and safe inner and outer coverstock layers
- Face lace to replace elastic

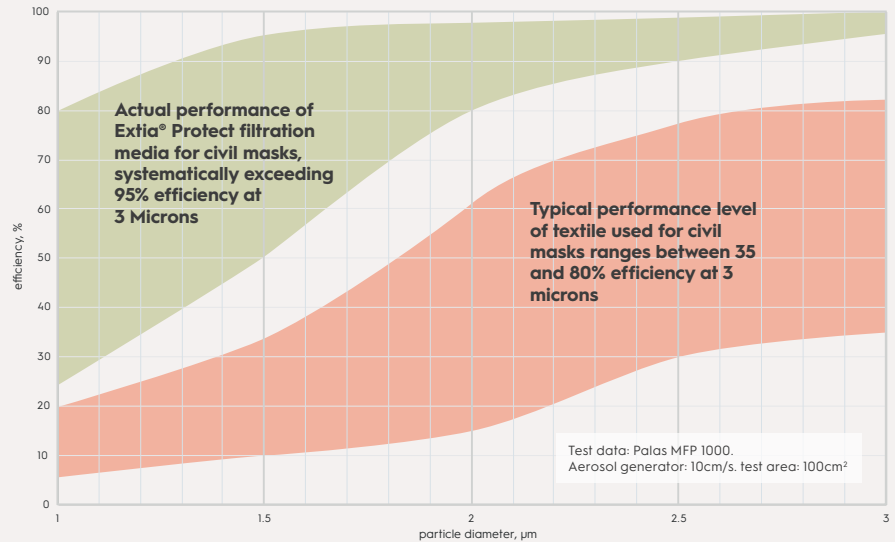
Benefits

- ✔ **Protection:** Protecting people in the street, in shops and on public transport against projections of saliva
- ✔ **Filtration Performance:** delivers greater performance than typical textile performance and meets AFNOR S76-001 Category 1 level
- ✔ **Comfortable:** Materials are non-skin irritant*
- ✔ **Compatible with key sealing processes:** Delivering excellent material bonding with ultrasonic bonding and sewing
- ✔ **Mask shape:** Duckbill / 3 plies mask
- ✔ **Multi-use:** Typically suitable for multi use applications

DELIVERS HIGHER FILTRATION PERFORMANCE THAN TEXTILES

AFNOR S76-001 Category 1
Requires 90% efficiency at 3 microns

AFNOR S76-001 Category 2
Requires 70% efficiency at 3 microns.



Ahlstrom-Munksjö Extia® Protect – Coverstock Layers for Civil Masks

Commercial Grade	g/m ²	Color	Performance	Certifications	Application	Possible Roll Widths	Max Roll Ø	Core	Plant (Supply)
BR2375 018	18	White	Extra comfort & resistance	Cytotoxicity / Skin Irritation* / Bioburden	Inner & outer layer	170 to 200mm	40-50cm	76mm	France
BR2368 017	17	Green	Extra comfort & resistance	Cytotoxicity*	Outer layer	170 to 200mm	40-50cm	76mm	France

*Certification ongoing – Results due by end of May

Ahlstrom-Munksjö Extia® Protect – Mask Lace for Civil Masks

Commercial Grade	g/m ²	Color	Performance	Certifications	Application	Possible Roll Widths	Max Roll Ø	Core	Plant (Supply)
BR2368 017	17	Green	Extra comfort & resistance	Cytotoxicity*	Mask Lace	170 to 200mm	40-50cm	76mm	France

*Certification ongoing – Results due by end of May

Ahlstrom-Munksjö Extia® Protect – Filter Media for Civil Masks

Commercial Grade	g/m ²	Color	Performance	Certifications	Application	Plant (Supply)
FMT 2020	63	White	Filter efficiency 3.0µm = 99.9%	Compatible with Cat 1 -UNS PFE ≥ 90% at 3 µm†	Filter Media for Civil Masks	US
FML 2020	90	White	Filter efficiency 3.0µm = 99.9%	Compatible with Cat 1 -UNS PFE ≥ 90% at 3 µm†	Filter Media for Civil Masks	Brazil

†There is no minimum requirements for non-medical general purpose masks in North; Central; and South America. However, our Civil Masks Filter Media is in compliance with EU/France Governments standard AFNOR SPEC S76-001 Barrier Masks for Civil Application. AFNOR SPEC S76-001 has 2 efficiency category: Cat I - UNS1 PFE ≥ 90% at 3 µm: for workers who have frequent and regular contact with the public such as policemen or cashiers; Cat II - UNS 2 PFE ≥ 70% at 3 µm: for people in a group wearing the same kind of masks (in a company, in a service, in a warehouse...), and who are occasionally in contact with public

Our synthetic fibers are OEKO-TEX Standard 100 Class 1 certified and our plant is certified to the appropriate standards of quality, safety, and environment.

- ☑ ISO9001:2015 (quality) FR 14/19043**
- ☑ ISO14001:2015 (environment) FR 14/19044**
- ☑ OHSAS18001:2008 (safety) FR 14/19042**
- ☑ FSC MIX CREDIT SGSCH-COC-007580**

Our grades are tested internally for Bioburden (fungi and bacteria) according to ISO 8784-1 norm and all are <10 UFC/g.

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