AHLSTROM MUNKSJÖ

Ahlstrom-Munksjö

Extia® Protect

Protection, Filtration Performance and Reliability

Civil Masks – Finland

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

Ahlstrom-Munksjo 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:

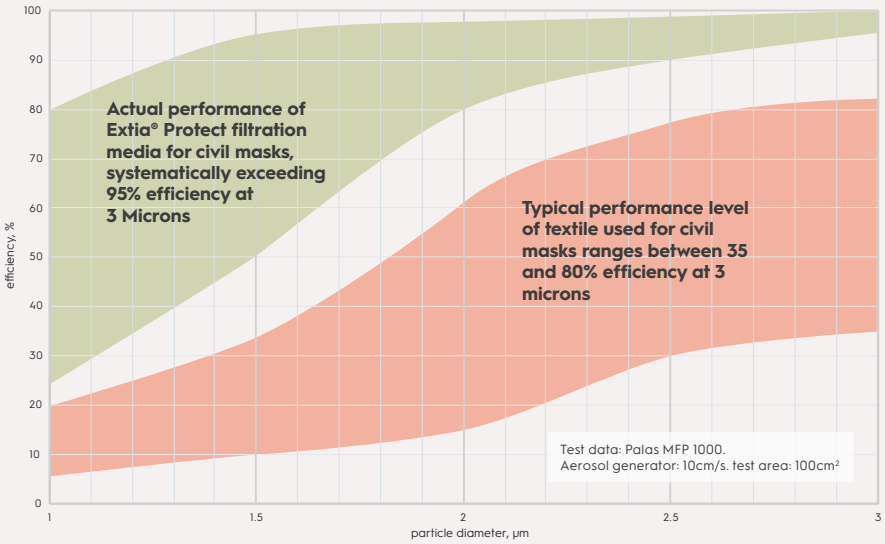
- High-performance filter media compliant with international standards, including French Standard AFNOR S76.001 Category 1
- Comfortable and safe inner and outer coverstock layers
- Face lace to replace elastic

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

*Certification and validation available on request

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/m²	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/m²	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/m²	Color	Performance	Certifications	Application	Possible Roll Widths	Max Roll Ø	Core	Plant (Supply)
K1156 80	80	White	Filtration efficiency 3.0µm > 99%	Internal testing conducted on PALAS MFP 1000 on filtration efficiency	Filter Media for Civil Masks	170mm to 1500mm	100cm	76mm	Finland
BR4368 060F (Hydrophobic)	60	White	Filtration efficiency 3.0µm = 96%	– Validated by French DGA for UNS1 & UNS2** – Oekotex® Standard 100, Product Class 1 (CQ55413)	Filter Media for Civil Masks	170 to 200mm	40–50cm	76mm	France
BR1060 060F	60	White	Filtration efficiency 3.0µm = 97%	– Validated by French DGA for UNS1 & UNS2**	Filter Media for Civil Masks	170 to 200mm	40–50cm	76mm	France

**Specification AFNOR S76-001

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.

Contact Ahlstrom-Munksjö Sales: extiaprotect@ahlstrom-munksjo.com

www.ahlstrom-munksjo.com