



The Frëtt Solutions barrier mask retains its protective power even after more than 100 washes.

Frëtt Solutions' high-performance washable barrier masks meet 100% of the IRSST's highest safety criterias. It has a barrier efficiency of 65% or more versus an average of 80% for a disposable medical procedure mask.

PART OF THE PROFIT IS GIVEN TO: TO Women's Collective & TNO-The Neighborhood Organization



High-performance 4 layers mask



Description

- High-performance, multi-layer (4 layers) prevention barrier mask with integrated filters (tested by the IRSST laboratory)
- Mask meets 100% of the IRSST's highest safety criteria
- Filtration at 3µm and more, after washes: 97% (large particles)
- Proven filtration efficiency at <3µm after washes: min. 65% (fine particles)
- Scored 20/20 on pressurized atomization tests (spraying)
- Breathability (pressure drop): 8,55 Pa*s/cm (Differential pressure)
- Efficiency intact after 100 washes (tested at 108 washes)
- Adjustable elastic at ears (nylon) or head circumference (rubber): your choice
- No central seam (a transverse seam breaks the microbial barrier)
- Dimensions: (standard) height: 18 cm / with: 23 cm (children) height: 15 cm / with: 19,5 cm
- Materials: Shell: 100% cotton or 100% rayon or 50% cotton / 50% polyester. Other layers: polypropylene and polyester
- Unique and ample design (3D bubble effect) to provide comfort in hot weather and to prevent moisture from breaking the protective barrier by contact with the mouth
- Features a malleable metal band on the nose (prevents fogging with glasses) and adjustment at the bottom of the mask (chin), ensuring a better seal
- Reusable, durable and washable more than 100 times (hand wash or machine wash in warm or hot water in a mesh bag). Hang to dry or tumble dry at low temperature for improved durability
- Eco-responsible and ethically made entirely in Canada
- This mask can cover an N95 respirator. In the event of a real or perceived shortage of N95 respirators, it will be possible to reuse an N95 respirator (reserved exclusively for use by a health worker) and cover it with a Frëtt Solutions mask to extend its use. Source: Institut national de santé publique du Québec
- Patented concept and pattern

2 SIZES
Children - Standard

ORDER ONLINE
solutions.frettdesign.ca

We can integrate your logo.

Unit price: **REDUCED -25%**

1 to 49	23,95\$ at 17,95\$ /un.
50 to 99	21,95\$ at 16,45\$ /un.
100 to 499	19,95\$ at 14,95\$ /un.
500 to 999	18,45\$ at 13,85\$ /un.
1 000 to 1 999	15,75\$ at 11,80\$ /un.

(+ taxes and shipping)

For orders of 2,000 units or more:
contact us by email at
solutions@frettdesign.ca
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Several helpful
tips available
as videos in the
News section
(Actualités in
french)

See the table of scientific results on reverse side

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How to use



Wash your hands before putting on your mask. Make sure you don't touch your mask once it's in place.

A fabric mask is not a substitute for hand washing.

Scientists who are promoting mask-wearing emphasize that they can be useful in protecting other around you, but not yourself.

- Wash your hands with soap for at least 20 seconds, rinse and dry your hands
 - Place the mask over your mouth
 - Position the elastics around your ears or head (depending on the model)
 - Push the metallic band onto your nose
 - Ensure that you have a good seal around the mask
 - Do not touch the mask again until you take it off
- To dispose of the mask, place it in a sealed bag until you can wash it.
 - Take off the mask, place it in a resealable plastic bag inside a mesh laundry bag
 - Wash your hands
 - Machine or hand-wash in warm or hot water using standard or natural laundry detergent
 - Tie the elastic loops to ensure they don't come off in the machine
 - Use a mesh or net bag and wash with clothes or towels to increase durability
 - Hang to dry or tumble dry at low temperature
 - Securely wash or discard the plastic bag to reduce risks of contamination



About

Michelle Secours, the entrepreneur behind Frëtt Design (Caplan, Gaspé Peninsula), has over 25 years' experience in the textile industry; she leads research and development (R&D) and designs more technical products via Frëtt Solutions division. To ensure a tested and quality product, Frëtt works in close collaboration with the researchers authorized by the Ministry of Health and Social Services (IRSST laboratories) and CTT Group & Vestechpro, college technology transfer centres (CCTT), who accompanies professionals in the clothing industry through their innovative projects by validating their questions about the properties of fabrics. Frëtt Design started supporting the Sew TO Women's Collective through TNO-The Neighborhood Organization in April 2020. Experienced seamstresses from the Sew TO Women's Collective were selected and trained to launch this collaborative project. Others are currently being trained to expand production to sell masks in Ontario. The purchase of these high performance 4 layers masks will support local women during the pandemic and at the same time supporting the local communities.

IRSST RECOMMENDATIONS		HIGH PERFORMANCE BARRIER MASK	HIGH-PERFORMANCE WORKER BARRIER MASK
SPRAYING (Pressurized atomization)	≥15/20	✓ 20/20	✓ 20/20
FILTRATION at 3µm (Large particles)	≥95%	✓ 97%	✓ 97%
FILTRATION 0,01 to 0,3µm (Fine particles)	60% minimum	✓ at least 65%	✓ at least 65%
BREATHABILITY (Pressure drop)	<11 Pa·s/cm	✓ 8,55 Pa·s/cm	✓ 8,55 Pa·s/cm
FLAME PROPAGATION	≤1 HMIS recommendation	✓ Rating 1	✓ Rating 1

Mask meets 100% of the IRSST's highest safety criteria

✓ RESULTS EXCEEDING RECOMMENDATION



A series of masks will be produced in Toronto in partnership with the Sew TO Women's Collective and TNO



PATENTED CONCEPT AND PATTERN
MADE IN CANADA IN AN ENVIRONMENTALLY RESPONSIBLE MANNER

NOVEMBER 2020

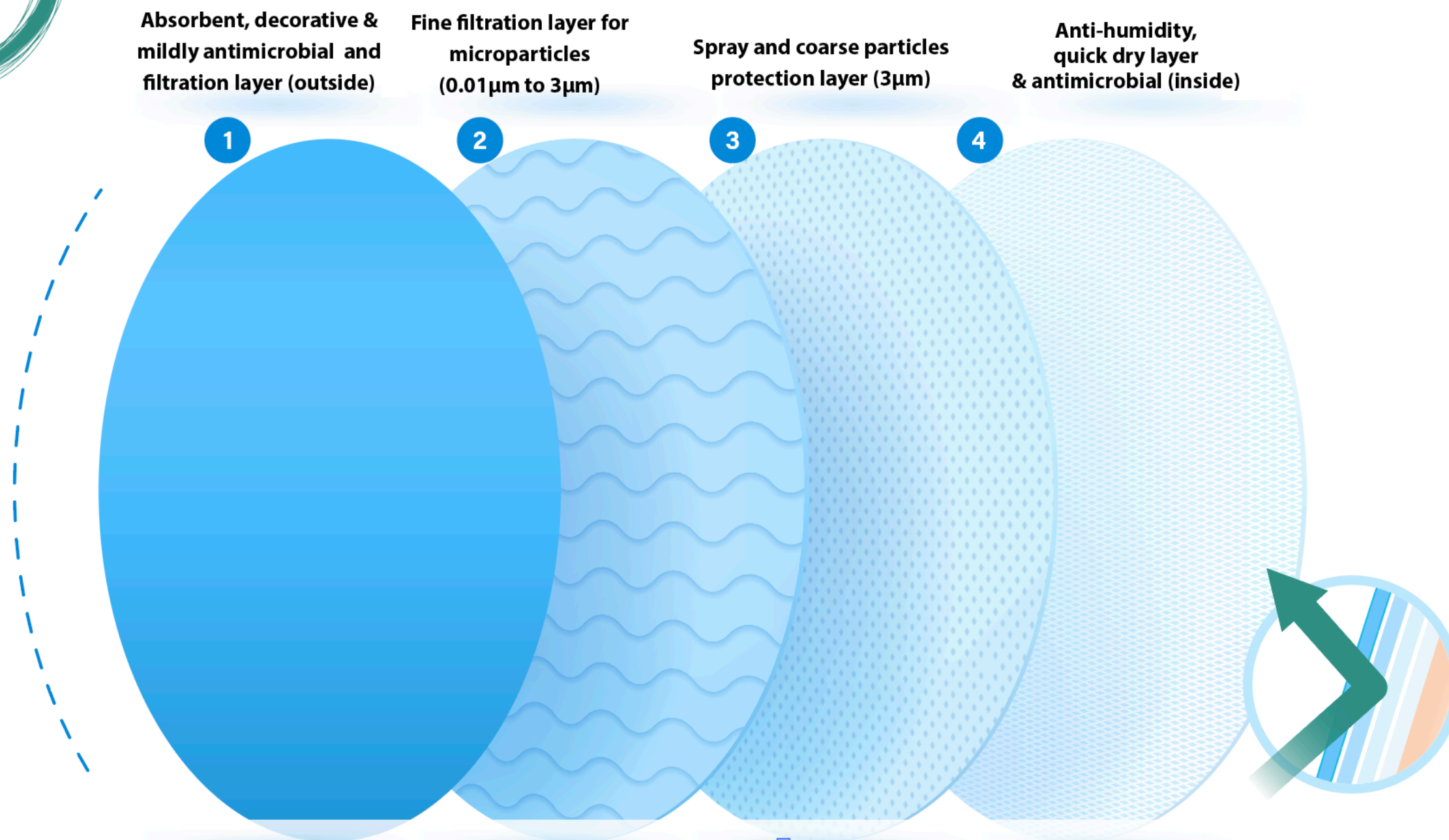




How does the 4 layers protection works*?

Our multi-layered construction protects others, but also the wearer.

4 LAYERS



Frëtt's masks meet
100% of the IRSST's
highest safety criterias

- 1 The fabric layer is an absorbent, decorative, mildly antimicrobial & coarse filtration layer (outside)
- 2 This membrane blocks fluids and large particles of $3\mu\text{m}$ during speech, sneezing, coughing.
- 3 This filter is efficient for fine particles ($0.01\mu\text{m}$ to $3\mu\text{m}$) of SARS-COV2 as well as against pollution. It is also this which gives a three-dimensional effect which increases the pressure drop (breathability) and which allows the mouth or the nose not to touch the mask.
- 4 This ultra-light layer mechanically repel a large number of germs and viruses but also help prevent moisture build-up. The interior material dries very quickly and is anti-droplets (water repellent)

- ✓ **Spraying 20/20**
- ✓ **Coarse particles ($3\mu\text{m}$): 97%**
- ✓ **Fine microparticles filtration ($0.01\mu\text{m}$ à $3\mu\text{m}$). Tested after 100 washes : 65%**
- ✓ **Breathability (pressure drop): $8,55 \text{ Pa}^*\text{s}/\text{cm}$ (Differential pressure)**

*Patented concept and pattern