

# REUSABLE MASK WITH FILTER HOLDER



## PRODUCT DESCRIPTION

The **POLAIRE HV PROTECT** mask is a reusable filter mask that provides a good level of air tightness on the face. It is comfortable to wear, enabling prolonged use for a whole day with a filter change every eight hours.

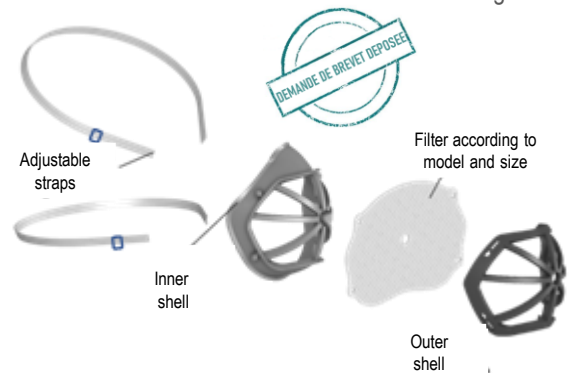
Providing **better breathability, high wearing comfort** and **financial savings**, it is an **eco-friendly** and **sustainable alternative** to disposable masks and washable masks tested according to the DGA/DGE standard.



The **POLAIRE HV PROTECT** mask is available in three sizes. It is made of two washable, hypoallergenic plastic shells which a POLAIRE HV PROTECT filter is clipped between:

- An easily removable **outer shell made of soft plastic**
- A **soft plastic inner shell**, ensuring a comfortable fit on the face with nose and chin coverage.

The mask is **comfortable to use** with **optimum performance** thanks to the two adjustable straps in the head and neck area.



## PRODUCT BENEFITS

- **Filtration of more than 90% of droplet projections**
- **Breathing comfort for long term use**
- **No visual inconvenience**
- **No voice attenuation**
- **Sustainable alternative to disposable masks**
- **Glasses and visor compatible**

## SELECTION OF FILTERS

Filter range	Standard	Use	Filtration rate Particles 3 µm	Filtration rate Particles 0.6 µm	Breathing comfort
HV PROTECT CAT 1 filter	DGE/DGA	Individual masks for use by professionals in contact with the public (category 1). The use of these masks is intended for employees assigned to positions or missions involving regular contact with the public.	> 90%*	NA**	Air permeability at 100 Pa >96 L/m <sup>2</sup> /s*
HV PROTECT CAT 1 filter reusable	DGE/DGA	Individual masks for use by professionals in contact with the public (category 1). The use of these masks is intended for employees assigned to positions or missions involving regular contact with the public.	94%*	NA**	Air permeability at 100 Pa 620L/m <sup>2</sup> /s*
HV PROTECT FFP2	EN 143	Protection of the wearer of the mask against inhalation of droplets and airborne particles.	> 99%	> 94%	Breathing resistance <2.4 mbar at 95 L

\*Performance on non-medical masks verified by the DGA and CEA (accredited body). \*\*Not applicable  
This device is neither a medical device within the meaning of Regulation (EU) 2017/745 nor PPE within the meaning of Regulation (EU) 2016/245.

## TECHNICAL DATA

**POLAIRE HV PROTECT** mask is available in 3 sizes S-M-L to fit all face sizes and shapes.

Cannot be used without filters.

Weight: 70 g

Lifetime: 3 years\*\*.

\*\*under normal conditions of use



Measure your face from the inner corner of the eye to the bottom of the chin.

Size S : 10,5 cm

Size M : 11,5 cm

Size L : 12,5 cm

## MAINTENANCE AND CLEANING

Washing the mask: clean the shells with soapy water or disinfecting wipes. Washing possible with a washing machine or dishwasher.

Change the filter every 8 hours.

The used disposable filter must be disposed of as recommended.

The reusable filter can be washed 20 times - Heat treatment 30 minutes at 60°C minimum.

## PACKAGING

**POLAIRE HV PROTECT** mask kit including a filter holder mask, a refill of 5 reusable filters (washable 20 times) Cat.1.

**12 kits per box, 300 per pallet.**

**Economical refill kit** including 5 reusable filters (Cat.1) or 30 disposable filters (Cat.1 or FFP2).



## REFERENCES

Sizes	S	M	L
Mask Kit	ASMS-V10A	ASMM-V10A	ASML-V10A
30 filter kit Cat.1	ASFS-130A	ASFM-130A	ASFL-130A
30 filter kit FFP2	ASFS-230A	ASFM-230A	ASFL-230A
5 washable filter kit	ASFS-L05A	ASFM-L05A	ASFL-L05A

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## HOW TO CHOOSE THE RIGHT MASK

### PROTECTION FOR THE WEARER



Type of mask	Fabric barrier mask	Surgical Mask	POLAIRE HV PROTECT Category 1 filter holder mask	Mask FFP2 duck beak	POLAIRE HV PROTECT FFP2 Filter holder mask	FMP3 filter holder mask
Standard	AFNOR S76-001	NF EN 14683	DGE/DGA	EN 149	EN 1827	EN 1827
Filtration rate Particles 3 µm	Cat 2 >70%	≥ 95% à 98%	Cat 1 ≥94%	NC	NC	NC
Filtration rate Particles 0.6 µm	NC	NC	NC	P2 ≥ 94%	P2 ≥ 94%	P3 ≥ 99,95%
Target use	General public	Medicine, Paramedic care	General public, Professionals, Paramedic care	Industry, Medicine	Industry, Medicine, Paramedic care	Specific industry (asbestos...)
Protection for the wearer	No	No	Partial	Yes	Yes	Yes
Protection for others	Partial	Yes	Yes	Yes	Yes	Yes
Wearing glasses	Yes but fog	Yes but fog	Yes compatible visors	Yes but fog	Yes compatible visors	No
Lifetime of use	++	+	+++	+	+++	+++
Reusable	Washable X times according to AFNOR standard	No	Mask yes. Reusable filter washable 20 times	No	Mask yes. Disposable filter to be changed every 8 hours.	
Cost of use	+	+++	+	+++	+	+
Waste production	Low	High	Low	High	Medium	Medium
Breathing comfort	++	+	+++	+	+++	+

## ASSEMBLY AND PUTTING ON THE MASK:



Non-contractual document. Product specifications in this document are subject to change without notice. The values indicated are subject to change according to improvements in the manufacturing process.