


**BIO COMPOSANTS
MÉDICAUX**

BCM MASKS

The protective breathing mask BCM offers an efficient respiratory protection for dental practices or prosthetic laboratories exposed to dust, non-volatile liquid particles and biological aerosols.

OPTIMAL COMFORT AND SECURITY



ADVANTAGES

■ Security

It blocks more than 94% of the particles with a size ranging from 0.04 to 1 μm .
It prevents the spread of contagious illnesses.

■ Waterproof

It is splash-proof.

■ Comfortable

Light, it offers a good breathability and does not cause any pain around the ears.

■ It is non-irritating for the skin

It leaves no marks on the face.

■ Simple and hygienic packaging

Packed in an individual bag, the mask closes when not in use, thus limiting any contamination issues.

■ Quality

The technical tests are CE, FDA and KFPA certified.



THE TECHNOLOGY

TRIPLE FILTER ACTIONS

Triple structure of ultra-static filters

1

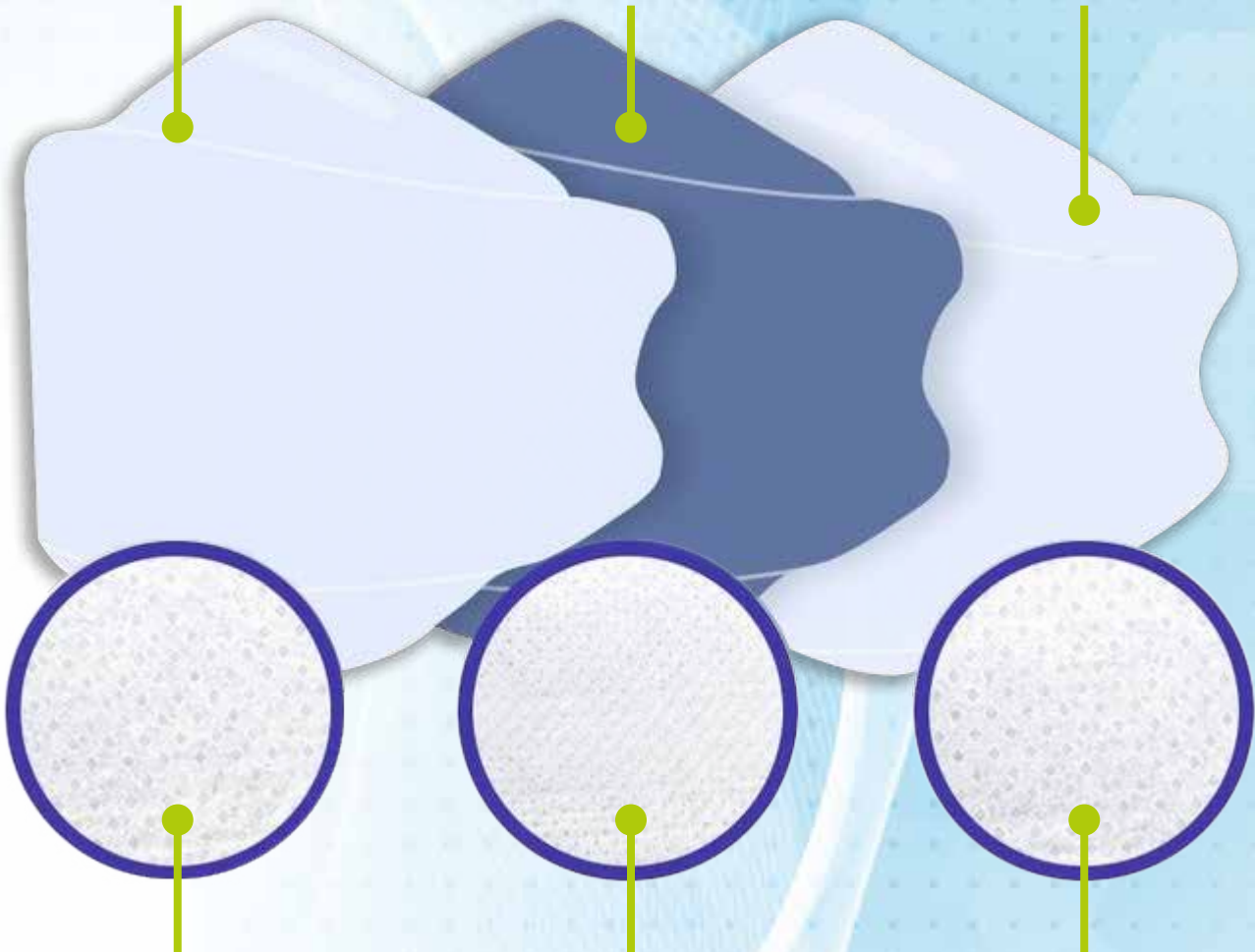
EXTERIOR

2

FILTER

3

INTERIOR



- ✓ Maintains the shape of the product
- ✓ Filtration layer
- ✓ Silky aspect

- ✓ Electrostatic absorption
- ✓ Main filtration layer
- ✓ High-efficiency filter

- ✓ Maintains the shape of the product
- ✓ Filtration layer
- ✓ Filter against harmful substances

THE SECURITY

A mask that meets the safety performance standards with the capacity to block 94% of the particles with an average size of 0.04 to 1 μm (average of 0,06 μm).



GRADE	Collection efficiency	Leakage rate	Application
FK 80	80% or more (Sodium chloride experimentation)	25 % or less	Dust prevention only
FK 94	94% or more (Sodium chloride experimentation + paraffin oil)	11 % or less	Contagious illness prevention

FK80 can filter more than 80% of the fine particles with an average size of 0,6 μm .
FK94 et FK99 can filter more than 94% and 99% of the particles with a size of 0,4 μm each.

Mask comparison

Category	Health mask	Disposable dental mask
Objective	Protects respiratory tracks against harmful particles such as yellow dust or fine dust	Prevents infections during medical treatments, treatments and surgical procedures
Shapes	3D dimension	Flat
Liquid resistance (droplet blockage)	Valid	Valid
Particle uptake capacity	KF 94%	Standard KF 55-80%
Main consumers	Ordinary people and medical staff	Medical staff
Breathability	Higher water resistance compared to breathable surgical masks	Lighter and more breathable compared to public health masks

Liquid resistance: a performance indicator in regards to the prevention of blood and saliva.



THE COMFORT

ANATOMICAL NOSE PIECE

Combines comfort and stability
Minimizes fogging on glasses.

«VELVETY» LIKE EARLOOPS

Long-lasting comfortable fit .



TRIPLE STRUCTURE WITH ULTRA-STATIC FILTERS

The interior and exterior materials are made of high-quality polypropylene, which reduces any skin irritation and maintains the shape of the product.
Highly efficient interior dust filtering offering a good protection against harmful substances.

STABLE POSITIONING

Tight-fitting around the chin area.

THE COMFORT

3D DESIGN

Tridimensional and foldable structure



Adult woman wearing a mask

Ergonomic tridimensional structure
From the respiratory tracts down to the chin,
the mask fits comfortably on the face and
remains clean with reduced makeup stains.



The tridimensional structure reduces the contact zone.
The mask is designed to be flexible to ensure
a comfortable breathing and can be folded
when not in use.

Simple design adapted to fundamental
needs.
Centered on the essential functions of
a preventive mask.



Adult man wearing a mask

THE QUALITY



- ✓ Penetration filter tester Paraffine and NaCl
- ✓ Laser light diffusion detector
- ✓ In conformity with EN149, MFDS standards

- ✓ Differential pressure measuring instrument...
- ✓ In conformity with international standards



- ✓ Pressure force tester
- ✓ Acid-Alkali tester
- ✓ Water bath and diagnostic reagents

CE NI4683 : 2019



**BIO COMPOSANTS
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BCM MASKS

KF 94

EQUIVALENT

FFP2

DENTALBCM.COM

Our website

KBR-STRO1

Reference to order the products



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