

PROLEN[®] MEDICAL

Code: PM/DR2

ANTIMICROBIAL DOUBLE LAYER WOVEN SURGICAL FACE MASK WITH SILVER AND ZINC IONS Protective Barrier EN14863:2019 + AC:2019/ Type II

PRODUCT DESCRIPTION:

Reusable sterilisable surgical facemask **PROLEN[®] MEDICAL** with elastic bands, easily wearable, is made of certified fabric according to **EN13795-1** (surgical drapes, gowns and clean air suits, used as medical devices, for patients, clinical staff and equipment), which is produced from 100% polypropylene multifilament continuous hydrophobic yarn **PROLEN[®] SILTEX** and **PROLEN[®] BODYFRESH** with silver and zinc ions permanently embedded in the mass of the yarn produced by Chemosvit Fibrochem, s.r.o., intended for use by medical personnel as protection of patients and operating personnel from the transfer of microorganisms, body fluids and other particles.

MAIN FEATURES:

- ANTIVIRAL
- ANTIBACTERIAL
- HYPOALLERGENIC
- BACTERIAL FILTRATION EFFICIENCY 98,52%
- REUSABLE
- STERILISABLE
- LIGHTNESS AND COMFORT WHEN WORN
- ZERO MOISTURE ABSORPTION, HYDROPHOBIC
- HEALTH AND HYGIENIC SAFETY
- RECYCLABILITY, LOW ECOLOGICAL IMPACT
- ECONOMIC EFFECTIVITY
- MECHANICAL BARRIER FOR MICROBES
- NO RELEASE OF SHORT FIBRES AND PARTICLES
- 100% EUROPEAN PRODUCT

MATERIAL COMPOSITION AND CONSTRUCTION:

The **PROLEN[®] MEDICAL** surgical mask is made using sewing technology from two layers of woven fabric made of 100% polypropylene yarn **PROLEN[®] SILTEX** and **PROLEN[®] BODYFRESH**, which is permanently treated with an antimicrobial additive based on silver and zinc ions registered for use as an antimicrobial agent under the EU Biocidal Products Directive.

Colour:	White, blue, fuchsia, black, green
Woven fabric:	100% polypropylene, fabric weight 95 g/m ² , +/- 5%, EN13795-1
Elastic band:	flat 40% rubber covered with 60% polyester
Sewing thread:	100% polyester 40/2
Label:	100% PE woven fabric with thermotransfer
Packaging:	polypropylene bag - 21x13,5 cm
Dimensions:	Width 19,5 x height 9 cm
Technical design:	The protective facemask consists of two layers of densely woven fabric sewn with polyester thread. There are rubber bands on the sides for fastening to the ears and clip for adjusting on the nose.
Content of label:	Care labels contain a description: logo, composition, care symbols, country of origin.
Identification label:	Placed on the product packaging and contains: product description, care symbols, country of origin, manufacturer, CE, EAN code upon request.
Country of origin:	Yarn and facemask produced in Slovakia.

PROLEN[®]
Siltex



RECOMMENDED USE:

The product is suitable for protection for casual wear in case of illness, during surgeries, handling in medical facilities, etc. Its material composition provides increased protection against viruses and bacteria and prevents foreign substances from penetrating to the skin. The product is easily washable even from chemical stains and greases with fast drying features and without the need for ironing. It is easy to maintain.



RECOMMENDED CARE:

Facemasks **PROLEN® MEDICAL** can be washed and sterilized several times until they are mechanically damaged. The mask shall withstand minimum 100 washes, keeping its antimicrobial characteristics.

- Washing: between 40°C a 90°C, recommended temperature 60°C
- Detergents: any type, disinfectants including chlorine are permitted
do not use fabric softener to maintain the hydrophobicity of the product
- Drying: fast drying, zero moisture absorption
- Dryer: recommended temperature 40°C / max. 75°C
duration: max. 5-10 minutes (depending on the load)
- Drying tunnel: recommended 70°C, 3-5 minutes
- Ironing: do not iron directly
- Sterilisation: max. up to 135°C

PACKAGING:

Each product is packed separately in a plastic bag affixed with a label. The package contains 1 advertising paper label. There is a paper label with a description of the contents on the bag. Masks are packed in boxes of 400 pieces each. Size of the box is 55cm x 17 cm x 35 cm, or upon request. Number of boxes per standard EURO pallet and height is 40 boxes.

PRODUCT CERTIFICATION:

1) Protective barrier EN14863:2019 + AC:2019/ Type II

TEST	TYPE			RESULT	EVALUATION
Bacterial Filtration Efficiency (BFE, %)	1 ≥ 95	2 ≥ 98	2R ≥ 98	98,52	PASS
Differential Pressure (Pa/cm2)	< 40	< 40	< 60	21	PASS
Splash resistance	N/A	N/A	≥ 16	14	N/A Type II
Microbial cleanliness (cfu/g)	≤ 30			19	PASS

2) ANTIVIRAL PROPERTIES ISO 18184:2019 /

Coronavirus SARS-CoV-2 > 99% reduction
Influenza A virus subtype H1N1 >99% reduction
Klebsiella pneumoniae >99,9% reduction
Staphylococcus aureus >99,9% reduction
Escherichia Coli >99,9% reduction

3) ANTIBACTERIAL PROPERTIES AATCC TM 100: 2012 /

4) Fabric Prolen® Medical 95 certified by EN13795-1

5) CE2020160622 / EU attestation of conformity/ 93/42/EEC

6) Health safety according to STN 80 0055: 2004 / Regulation Nr. 1907/2006 of EP and Council; REACH

7) OEKO-TEX® Standard 100, Class 1, Appendix 6 – baby skin contact

8) ISO 9001:2015

9) EN ISO 14001:2015

10) bluesign® approved (PROLEN® SILTEX)

VISUALISATION



WARNING

The manufacturer accepts no direct or indirect liability for possible damage caused by incorrect use of the Prolen® Medical mask. Not recommended for use under age of 3.



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