



**RESPIRATORY
PROTECTION
PRODUCTS**

BLS SRL

via dei Giovi, 41

20032 Cormano (MI) - Italy

t/f +39 0239310212 / 0266200473

info@blsgroup.it - www.blsgroup.com

BLS 8000ne»xt SERIES

MAINTENANCE FREE REUSABLE HALF MASKS



SIMPLE LIKE A DISPOSABLE, PROTECTING LIKE A REUSABLE
This half mask combines the simplicity of disposable products with the protection of the reusable ranges. It is designed to be replaced when the filters run out. Excellent against both particulate and gases.



NEW DROP-OFF SYSTEM

Hooking/unhooking system and sliding elastics, allowing to wear off and lower the mask, in an easy and quick way, without having to remove the headpiece. The drop-off system can be disabled by locking the elastic harness onto the specific guide.

DESIGN AND FIELD OF VISION

The shape of the half mask offers a perfect seal without any unpleasant pressure on the nose or mouth of the user. It also allows high visibility and low interference with the visual field thanks to the lower positioning of the filters and to its compact size.

ACTIVATED CARBONS

The quality of the activated carbons used by BLS for the filtration of gases and vapours meets high standards of safety ensuring excellent filtration performances. They are produced without toxic additives such as Hexavalent Chromium (Cr VI).

FILTER PROTECTIVE LAYER

External layer that ensures the protection of the filtering material from dirt, dust and liquids as well as the normal mechanical stress due to prolonged use thus extending and preserving filtering efficiency and making the device.

FACEPIECE

The facepiece is made of a durable thermoplastic elastomer.

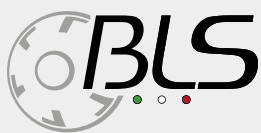
WHAT ARE NANOPARTICLES AND WHY IS IT SO IMPORTANT TO PROTECT ONSELF?

They are particles with a diameter of approximately 1 to 100 nm (0.001 μm 0.1 μm). Recent studies have shown that some nanoparticles can penetrate cells and tissues, move through the body and brain and cause biochemical damage. In particular, the small size of nanopowders allows them to behave in a manner that can be described as intermediate between that of gases and the rest of suspended particulate matter. Adequate protection is therefore essential.

EXAMPLES OF NANOPARTICLES

Diesel engine emissions, in welding, metal cutting, foundries. BLS 8600next and BLS 8400next half masks ensure 99% filtration of nanoparticles, as verified by tests carried out at the Itene Research Institute (Valencia) - Test report of September 10th 2022.

	NaCl	AL ₂ O ₃	CaCO ₃	TiO ₂	ZnO	Graphene
Penetration (%)	0,66	0,08	0,61	0,24	0,02	0,17
Filtration efficiency (%)	99,34	99,92	99,39	99,76	99,98	99,83



BLS 8000ne»xt SERIES

MAINTENANCE FREE REUSABLE HALF MASKS

MATERIALS

FACEPIECE	Thermoplastic elastomer (TPE)
HARNESS	Polyester (PES) and rubber
EXHALATION VALVE	Silicone
HEAD PIECE	Polypropylene (PP)
FILTERS	Polypropylene (PP) + Acrylonitrile Butadiene Styrene (ABS)

*All components in direct contact with user's face are LATEX FREE
BLS 8000next series half masks and all their components are Made in Europe*



TECHNICAL DATA

MODEL	PROTECTION	FACEPIECE	NPF
BLS 8100ne»xt	A1P2 R D	Thermoplastic elastomer (TPE)	12*TLV
BLS 8400ne»xt *	ABEK1P3 R D	Thermoplastic elastomer (TPE)	33*TLV
BLS 8600ne»xt *	A2P3 R D	Thermoplastic elastomer (TPE)	33*TLV

(TLV) Threshold Limit Value (NPF) Nominal Protection Factor

(A) Organic gases and vapours (Boiling point > 65°C) (B) Inorganic gases and vapours (E) Acid gases and vapours (K) Ammonia and derivatives (P) Dusts

** These items have been tested with Nano Filtration technology*

NOTE – BLS 8000next series maintenance-free half-masks are designed to be replaced entirely when the filters are depleted: as with half-masks with interchangeable filters, when you begin to smell or taste the contaminant (gas filters) or experience an increased respiratory resistance (dust filters), the device must be replaced.

TRANSPORT

MODEL	CODE	SIZE	WEIGHT (g)	Q.TY/BOX	Q.TY/CARTON	WEIGHT CARTON (Kg)
BLS 8100ne»xt	8116006	One size	309	1	10	4,25
BLS 8400ne»xt	8116005	Unica	368	1	10	4,84
BLS 8600ne»xt	8116004	Unica	336	1	10	4,54

STORAGE

SHELF-LIFE	5 years
TEMPERATURE	-10°C / +50°C
RELATIVE HUMIDITY	80% max

CERTIFICATION

BLS half masks are:

- Certified according to European Regulation 2016/425 (Personal protective equipments)
- Certified as PPE of III category, in presumption of conformity to harmonized standard EN 405 2001 + A1:2009
- Certified and controlled according to Annex D by Italcert S.r.l. (Notified Body n°0426)
- CE marked

BLS management system is ISO 9001 certified.



**RESPIRATORY
PROTECTION
PRODUCTS**

BLS SRL

via dei Giovi, 41

20032 Cormano (MI) - Italy

t/f +39 0239310212 / 0266200473

info@blsgroup.it - www.blsgroup.com

BLS 8000ne»xt SERIES

MAINTENANCE FREE REUSABLE HALF MASKS

AVAILABLE MODELS



BLS 8100ne»xt A1P2 R D
BLS 8400ne»xt ABEK1P3 R D
BLS 8600ne»xt A2P3 R D

ALTERNATIVES FOR READY-TO-USE KITS



BAYONET CONNECTION KIT
BLS 4000ne»xt S HALF MASK + BLS 200 SERIES FILTERS

BLS 4100ne»xt A2P2 R
BLS 4400ne»xt ABEK1P3 R
BLS 4500ne»xt P3 R
BLS 4600ne»xt A2P3 R

IMPORTANT

BLS declines any responsibility, direct or indirect, from any misuse of both devices and instructions.
User is responsible for the determination of product compliance with the intended use.