



## **BLS 5000 SERIES**

*REUSABLE FULL FACE MASKS RESPIRATORS WITH BAYONET CONNECTION*

BLS 5000 series reusable full face respirators are available with silicone rubber or thermoplastic rubber. They are characterized by the high protection factor provided when used in combination with quick b-lock (BLS 200) bayonet filters that protect against gas / vapors and toxic particulates.



### **HARNESS**

Fixed on 6 points directly on the rigid body of the mask in order not to deform the face seal. It allows to distribute the weight of the respirator evenly without leaving face marks.

### **FACE SEAL**

Available in soft thermoplastic rubber (BLS 5600) or silicone rubber (BLS 5700) both with FDA certification for a higher safety.

### **ANTI-FOGGING SYSTEM**

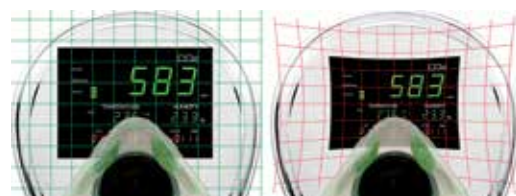
Designed to avoid fogging on the visor through the control of the cold and hot air flows inside the mask instead of using surface treatments that can be easily spoiled.

### **BAYONET CONNECTION**

This connection is highly intuitive allowing a quick and safe hold on the mask. It has a locking feedback allowing the user to know if the filter has been properly placed.

### **FACE PIECE IN SILICONE**

Guarantees performance and duration.



### **VISOR**

Optical class 1 (EN 166), allows a panoramic visual field without optical distortions. A vitrification treatment on its surface makes it scratch resistant.



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## MATERIALS

FACE SEAL 5700	Silicone
FACE SEAL 5600	Thermoplastic elastomer (TPE)
FACE PIECE	Silicone
VISOR	Polycarbonate (PC) + vitrification
FILTERS HOLDER	Polyamide (PA)
HARNESS	EPDM

All components in direct contact with user's face are LATEX FREE

## STORAGE

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

## TECHNICAL DATA

MODEL	FACE SEAL	DEVICE CLASS	OPTICAL CLASS EN 166	CONNECTION	NPF (particle and combined filter)	NPF (gas filter)
BLS 5700	Silicone	2	1, panoramic visor	Bayonet (b-lock)	1000*TLV (P3)	2000*TLV
BLS 5600	Thermoplastic	2	1, panoramic visor	Bayonet (b-lock)	1000*TLV (P3)	2000*TLV

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

## TRANSPORT

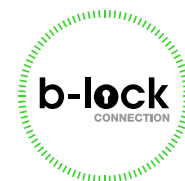
MODEL	CODE	WEIGHT (g)	Q.TY / BOX	Q.TY / CARTON	CARTON WEIGHT (Kg)
BLS 5700	8001036	580	1	4	3,12
BLS 5600	8001083	570	1	4	3,08

## CERTIFICATION

BLS respirators are:

- certified according with DIR 89/686
- certified as PPE of III category, in presumption of conformity to harmonized standard EN 149:2001+A1:2009
- certified (Art. 10) and controlled (Art. 11.B) by Italcert S.r.l. (Notified Body n°0426)
- CE marked

BLS management system is ISO 9001:2008 certified



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## AVAILABLE MODELS



Full face masks  
BLS 5700 - BLS 5600

## COMPATIBLE DEVICES



Filters  
BLS 200 series



Flat filters  
BLS 201 series

## DEVICES WITH THE SAME CONNECTION



Half maks  
BLS 4000 S - BLS 4000 R

## SELECTION GUIDE

### THERMOPLASTIC FACE SEAL

- Talc scented
- Soft touch surface

### SILICONE FACE SEAL

- Higher mechanical, thermal and chemical stress resistance
- Does not deform with time and is more stable to UV rays

### "FULL FACE MASK VS HALF MASK

- Provides a much higher Nominal Protection Factor
- Protects face and eyes from dust, splinters, chemicals
- Supports filters with a total weight greater than 300 g

## 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.