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**(EN)**

The manufacturer **BLS S.R.L.** (via dei Giovi, 41 - 20032 - Cormano MI - Italy) declares that the Personal Protective Equipment (PPE) described hereafter, filtering facepiece against particles, model **02 102** /

- is in conformity with the provisions of the Regulation EU 2016/425 and the harmonized standard **EN 149:2001 + A1:2009 [UNI EN 149:2009]**
- is identical to the PPE that is subject of the EU type certificate n° **PPE011AT1810** issued by ITALCERT S.R.L. (v.le Sarca, 336 - 20136 - Milan MI - Italy), notified body No. 0426
- is subject to the procedure set out in Annex VIII (module D) of the EU 2016/425 Regulation, under the control of ITALCERT S.R.L. (v.le Sarca, 336 - 20136 - Milan MI - Italy) notified body No. 0426

**(ES)**

El fabricante **BLS S.R.L.** (via dei Giovi, 41 - 20032 - Cormano MI - Italia) declara que el Equipo de Protección Individual (EPI) descrito a continuación, mascarilla desechable para partículas, modelo **02 102** /

- está en conformidad con las disposiciones del Reglamento UE 2016/425 y la norma armonizada **EN 149:2001 + A1:2009 [UNI EN 149:2009]**
- es idéntico al EPI que está sujeto al certificado de tipo UE n° **PPE011AT1810** emitido por ITALCERT S.R.L. (v.le Sarca, 336 - 20136 - Milán MI - Italia), organismo notificado No. 0426
- está sujeto al procedimiento establecido en el Anexo VIII (módulo D) del Reglamento UE 2016/425, bajo el control de ITALCERT S.R.L. (v.le Sarca, 336 - 20136 - Milán MI - Italia), organismo notificado No. 0426

**(DE)**

Der Hersteller **BLS S.R.L.** (via dei Giovi, 41 - 20032 - Cormano MI - Italien) erklärt, dass die nachstehend beschriebene persönliche Schutzausrüstung (PSA), Staubmaske, Modell **02 102** /

- der Verordnung EU 2016/425 und dem harmonisierten **EN 149:2001 + A1:2009 [UNI EN 149:2009]** entspricht
- identisch zu der persönliche Schutzausrüstung (PSA) des von dem notifizierten Stelle N. 0426 (v.le Sarca, 336 - 20136 - Mailand MI - Italien) ITALCERT S.R.L., erlassenen EU-Zertifikates N. **PPE011AT1810** ist
- das vom notifizierten Stelle N. 0426 (v.le Sarca, 336 - 20136 - Mailand MI - Italien) ITALCERT S.R.L., kontrollierten Verfahren der Verordnung 2016/425 - Anlage N. VIII (Modul D) erfüllt

**(IT)**

Il fabbricante **BLS S.R.L.** (via dei Giovi, 41 - 20032 - Cormano MI - Italia) dichiara che il Dispositivo di Protezione Individuale (DPI) di seguito descritto, facciale filtrante antipolvere, modello **02 102** /

- è conforme alle disposizioni del Regolamento EU 2016/425 e alla norma armonizzata **EN 149:2001 + A1:2009 [UNI EN 149:2009]**
- è identico al DPI oggetto del certificato UE di tipo n° **PPE011AT1810** rilasciato da ITALCERT S.R.L. (v.le Sarca, 336 - 20136 - Milano MI - Italia) organismo notificato n° 0426
- è sottoposto alla procedura prevista all'Allegato VIII (modulo D) del regolamento EU 2016/425, sotto il controllo di ITALCERT S.R.L. (v.le Sarca, 336 - 20136 - Milano MI - Italia) organismo notificato n°0426

**(FR)**

Le fabricant **BLS S.R.L.** (via dei Giovi, 41 - 20032 - Cormano MI - Italie) déclare que l'Équipement de Protection Individuelle (EPI) décrit ci-dessous, pièce faciale filtrante, modèle **02 102** /

- est conforme aux dispositions du règlement UE 2016/425 et à la norme en vigueur **EN 149:2001 + A1:2009 [UNI EN 149:2009]**
- est identique à l'objet EPI du certificat de l'UE du type n° **PPE011AT1810** délivré par ITALCERT S.R.L. (v.le Sarca, 336 - 20136 - Milan MI - Italie), organisme notifié n° 0426
- est soumis à la procédure décrite à l'annexe VIII (module D) du règlement UE 2016/425, sous le contrôle de ITALCERT S.R.L. (v.le Sarca, 336 - 20136 - Milan MI - Italie), organisme notifié n° 0426

**(NL)**

De fabrikant **BLS S.R.L.** (via dei Giovi, 41 - 20032 - Cormano MI - Italië) verklaart dat de persoonlijke beschermingsmiddelen (PBM) hieronder beschreven, stofmasker, model **02 102** /

- in overeenstemming is met de bepalingen van de EU-verordening 2016/425 en de geharmoniseerde norm **EN 149:2001 + A1:2009 [UNI EN 149:2009]**
- identiek is aan de PBM die is onderworpen aan het EU-typecertificaat nr. **PPE011AT1810** uitgegeven door ITALCERT S.R.L. (v.le Sarca, 336 - 20136 - Milaan MI - Italië), aangemeld instantie nr. 0426
- zijn onderworpen aan de procedure die is vastgesteld in bijlage VIII (Module D) van de EU-verordening 2016/425, onder de controle van ITALCERT S.R.L. (v.le Sarca, 336 - 20136 - Milaan MI - Italië), aangemeld instantie nr. 0426

Cormano, 08/03/2020

**Luciano Zani**  
Chairman / Presidente /  
Presidente / Président /  
Vorsitzende / Voorzitter /



# BLS O<sub>2</sub> 102/102V FFP2 NR D



CUP SHAPED FILTERING FACEPIECES

codes 8006180/8006181



## DESCRIPTION

The disposable filtering facepiece BLS O<sub>2</sub> 102/102V FFP2 NR D guarantees respiratory protection against aerosol and solid particulates. The cup-shaped form, the elastics attached to four points and the external nose clip which can be modelled on the facepieces ensure the best fit for most facial types.

The exhalation valve (model BLS O<sub>2</sub> 102V) reduces breathing resistance and reduces the humidity inside the facepiece, making breathing more secure even in humid or very hot workplaces.

## MATERIALS

The filtering facepiece BLS O<sub>2</sub> 102/102V FFP2 NR D is made by:

- Filtering material: polypropylene non-woven fabric
- Nose clip: underwire covered with polypropylene (PP)
- Elastics: synthetic polyisoprene
- Exhalation valve (model BLS O<sub>2</sub> 102V): polypropylene (PP)
- Weight model BLS O<sub>2</sub> 102: 8 g
- Weight model BLS O<sub>2</sub> 102V: 11 g

## APPLICATIONS

- Chemical sector
- Pharmaceutical sector
- Mechanical engineering
- Agriculture
- Construction
- Ceramics
- Foundries

## WARNINGS

- 1) The user must receive appropriate instruction before using the filtering facepiece
- 2) The filtering facepieces do not protect the user from gases and fumes
- 3) Do not use in environments with low oxygen, O<sub>2</sub> less than 17%
- 4) Do not use when concentrations of pollutants are dangerous to health or life-threatening
- 5) Do not use as an emergency escape breathing device
- 6) Leave the work place immediately:
  - If breathing becomes difficult
  - If you experience dizziness, nausea or alike symptoms
- 7) Do not modify the filtering facepiece
- 8) Discard and replace the filtering facepiece if it is damaged, if the resistance to breathing increases or after 8 hours of use if the facepiece is NR type (max 8 hours).
- 9) Do not use if you have a beard or sideburns because they can alter the seal
- 10) The facepieces must be stored in clean containers in a dry place at temperatures between +5°C to +40°C and relative humidity below 60% up to 10 years.

BLS O<sub>2</sub> 102/102V-DISPOSABLE-CUP-EN

## CERTIFICATION

BLS filtering facepieces 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 149:2001 +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

## CERTIFICATION TEST

### EFFICIENCY FILTERING MATERIAL

The efficiency of the filtering material was determined with the use of sodium chloride and paraffin oil. The FFP2 class guarantees a minimum filtering efficiency of 94%. The filtration efficiency of these masks remains unchanged even after long exposure periods.

### TOTAL FILTERING EFFICIENCY

The total inward leakage consists of two components: face seal leakage and filter penetration. Tests provide also that ten subjects carry out a sequence of exercises that simulates the practical working activity, wearing the facepiece; less is the quantity of aerosol inside the product, better is the filtering efficiency of the facepiece.

### BREATHING RESISTANCE

The breathing resistance of the filtering facepieces must be verified by tests conducted at 30 l/minute and 95 l/minute for inhalation and 160 l/minute for exhalation. The values established by law for class FFP2 are respectively 0.7 mbar, 2.4 mbar and 3.0 mbar.

### CLOGGING

Filtering facepiece is submitted to a clogging test with dolomite dust, clogging the filter with an air flow of 95 l/min until 883 mg\*h/m<sup>3</sup> have been reached of dolomite have been deposited or until the is reached the value of breathing resistance for that class. After clogging, filtering facepieces are submitted to a test of filtering efficiency again.

### FLAMMABILITY

The filtering facepieces subjected to the test are passed one by one through a flame with a temperature of 800°C +/- 50°C and at a speed of 6 cm/s. Filtering facepieces must not go on burning for more than 5 seconds after removal from the flame.