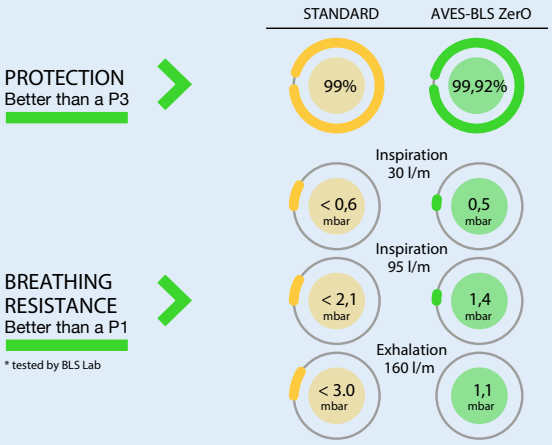
AVES®

AV- ZER0 30 FFP3

Article No.: 27107AV529

The New AVES® BLS Zer0 30 FFP3 R D filtering face piece provides effective respiratory protection in industrial environments where workers will be exposed to non-volatile solid and/or liquid particles (dusts, mists, fumes).
Offers maximum protection and comfort.

Provides breathing resistance comparable to a P1.



STANDARDS

AVES AV-BLS ZER0 FFP3 R D filtering facepieces meets the requirements of the European Directive 89/686/EEC (PPE) and marked **CE Category III**, according to **EN 149:2001+A1:2009**

FEATURES

• SUPPORT
The support material has a special texture which give elasticity and resistance to the material even after prolonged use under conditions of high humidity or heavy perspiration.

• GASKET
Excellent compression set and deformation combined with an elevated user comfort. The textile layer absorbs sweat and keeps the skin cool and dry.

• EXTERNAL PROTECTIVE LAYER
The innovative protective micronet preserves the filtering material from dirt, dust and liquids. This way the external layer preserves and prolongs the filtration efficiency without increasing breathing resistance of the filtering facepiece. The micronet, less elastic and more resistant than filtering materials, protects from mechanical stress that could tear or damage the material (i.e. crease, rub).

• PREFORMED
Easy to wear, fits perfectly on different head shapes ensuring excellent seal and a wide field of vision. High compatibility with PPE for eyes protection.

Accomodates a wide range of safety equipment, including eye, ear, and face protection.

Recommended Applications:
Sanding, sweeping, bagging, grinding and other operations that create dust. Uses would also include solids such as those from oil & petrochemical industries, textile industry, chemicals industry, surface preparation, food preparation and handling, woodworking, grain handling and milling, process of minerals and other substances.

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PROTECTIVE LINE

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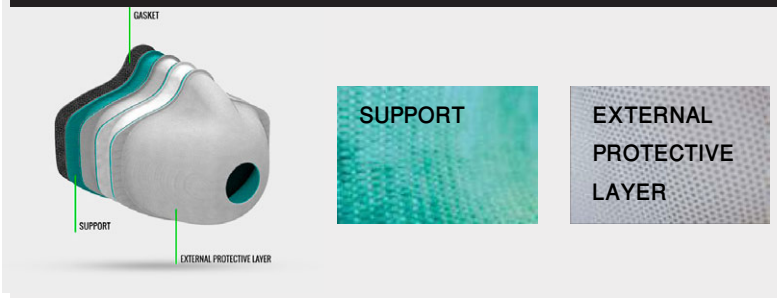
Particle filtration requirements, as described by European standards on PPE, are focused on microparticles. Test method to verify the protection level of our facemasks against nanoparticles.

Eolo Technology is a new fastening system for the membrane of the exhalation valve. The ultralight membrane is fixed on three aligned points instead of a single one. This way it is possible to concentrate the exhaled air into two zones of maximum opening. The cover protecting the membrane is higher and allows a greater opening of the membrane.
The new lid also has an opened surface for the air flow that is 30% wider than the average valve.

MULTI-LAYER PROTECTION



The unique shape of the nose area makes the facepieces very easy to wear. The AV-Zer0 30 fits perfectly on different head shapes to ensure an excellent seal.
The new shape also ensures a wide field of vision and high compatibility with personal equipment for eyes protection.

TECHNICAL SPECIFICATION

PROTECTION CLASS	NOMINAL PROTECTION FACTOR (NPF)	GASKET
FFP3 R D	50*NPF	Partial

***R** - Reusable
***TLV** - Threshold Limit Value
***NPF** - Nominal Protection Factor
***D** - The product passed Dolomite test
(simulates a heightened level of solid particles)

PERFORMANCES

TESTS EN 149:2001+A1:2009	TEST METHOD	STANDARD	AV Zer0 30
Breathing Resistance (mbar)	INHALATION 30 l/min	< 1,0	0,5
	INHALATION 95 l/min	< 3,0	1,4
	EXHALATION 160 l/min	< 3,0	1,1
Filtering Efficiency 95 l/min (%)T	After 120 mg of paraffin oil. Simulation of a work shift (8 hours)	> 99	99,9

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