

DATASHEET

FFP MASK SERIES

PROTECTION AND COMFORT FOR THE FUTURE

PRODUCT DESCRIPTION

Our filtering half mask series are innovative products developed to give workers in health care and industry higher safety and better comfort. And the products are produced by 100% green electricity.

These respirators reliably protect the wearer against dusts, aerosols and non-volatile, fluid particles.

With a large valve and high performing filter material, the mask has a unique breathability that makes the mask comfortable to use, even over a longer period of time. The patented design ensures a secure fit for all face shapes.

The valve on our XE-masks is covered with specially developed filtration materials that stop viruses while having a unique breathability. Provides security for both user and environment.

For added comfort, it comes with memory foam and adjustable and comfortable headbands so that the mask adapts to you.

The use of ultrasonic welding instead of metal pins makes the mask more skin-friendly.

The mask has color-coded head straps so that the protection level can easily be distinguished.

The mask contains no natural or synthetic latex







CLASSIFICATION

Respirators of this series are Category III Personal Protective Equipment and are fully certified in accordance with the Regulation (EU) 2016/425 on Personal Protective Equipment (PPE).

Q-Pro XE, Q-Reg XE, Q-Pro UE and Q-Reg UE are registered as medical device Class I and are fully in accordance with the Regulation (EU) 2017/745 MDR

EU Type examination are performed by 0370 - LGAI TECHNOLOGICAL CENTER (ALLPLUS) c/ campezo N°1 Parque Empresarial Las Mercedes, 28022, MADRID, MADRID, SPAIN and surveillance are performed by CE 0402 -RISE, Lindholmospiren 7A, 417 56 GÖTEBORG, SWEDEN

PRODUCT RANGE

	Model	Classification	Exhalation valve	IIR protection EN 14683
	Q-Pro XE	FFP3 NR D	Covered valve	*
	Q-Pro ME	FFP3 NR D	Valved	
	Q-Pro UE	FFP3 NR D	Unvalved	*
	Q-Reg XE	FFP2 NR D	Covered valve	*
	Q-Reg ME	FFP2 NR D	Valved	
	Q-Reg UE	FFP2 NR D	Unvalved	*

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STANDARDS

The respirator series is tested accordingly to EN 149:2001 + A1:2009 and also complies with the voluntary dolomite dust clogging test.

Q-Pro XE, Q-Reg XE, Q-Pro UE and Q-Reg UE is tested accordingly to EN 14683:2019+AC:2019

Class	Maximum breathing resistance according to EN 149		
	Inhalation		Exhalation
	30 l/min	95 l/min	160 l/min
FFP1	0,6	2,1	3,0
FFP2	0,7	2,4	3,0
FFP3	1,0	3,0	3,0

TOTAL INWARD LEAKAGE

The total inward leakage meets the following requirements.

Class	Total inward leakage
FFP1	22 %
FFP2	8 %
FFP3	2 %

FILTER PENETRATION

The filter penetration meets the following requirements.

Class	Maximum Filter penetration
FFP1	20 %
FFP2	6 %
FFP3	1 %

BREATHING RESISTANCE

The breathing resistance meets the following requirements.

FLAMMABILITY

Respirators are passed through a 800°C (+/- 50°C) flame with a speed of 6 cm/s. After passing through the flame the respirator has to self-extinguish.

MATERIAL

Component	Material
Nose piece	Aluminum
Foam	Polyuretan
Head straps	Nylon, spandex
Mask body	Non-woven, meltblown - polypropylene
Adjustment clip	polypropylene
Breathing valve	Polypropylene + black silicone sheet
Valve cover (XE-models)	Non-woven, meltblown - polypropylene

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APPLICATIONS

Level	APF - Assigned Protection Factor	Hazard type
FFP1	4	NON TOXIC DUSTS, FUMES AND WATER/OIL BASED MISTS/AEROSOLS
FFP2	10	TOXIC DUSTS, FUMES AND WATER/OIL BASED MISTS/AEROSOLS
FFP3	20	HARMFUL AND CARCINOGENIC DUSTS, FUMES AND WATER/OIL BASED MISTS/AEROSOLS

REQUIREMENTS FOR USE

National regulations must be followed

The instructions for use must be read and followed. The user must be familiar with the use and handling of the device.

The oxygen content of the breathing air should be at least 19,5 vol%.

Unventilated must not be entered with particle filtering half masks.

The type and concentration of hazardous substances must be known.

Particle filtering half masks do not protect against gases.

The respirator is not suitable for users with heavy facial hair or deep scars around the sealing lines of the mask.

Never tamper with, alter or modify the respirator.

WEARING TIME

NR (non reusable): Single use.
Comfortable and durable throughout the whole shift.

STORAGE

Store in a dry environment, no of direct sunlight in its original packaging, see also packaging.

DISPOSAL

This product can be thermally recycled or disposed in a controlled landfill without releasing toxic substances.

The disposal of contaminated products must be determined by its contamination. The respective laws and regulations must be followed.