



Code Nr	5200 AC FFP2 NR D
Product Name	ERA
Series	Vertical Folding Series
Application Limit	12 x OEL protection level (According to Npf)
Places of use	Building, Ship building, Pharmaceutical industry, Engineering, Iron and steel, Agriculture, Coal mining, etc. Medical, Hospital, Droplet aerosols, Protein molecules, Viruses, Bacteria fungi and spores, Asbestos fibers
Description	The disposable flat fold respirator consists of several layers of material.
Working principle	Particles are filtered through the melt blown filter.
Weight	12 gr

Components and materials

The following materials are used in the production of the FFP2

Component	Material
Filter material	Polypropylene
Head Straps	Knit Rubber
Nose clip	Aluminium

Maximum Filter Penetration

EN149:2001+A1:2009 Classification	Maximum Filter Penetration
FFP2	6%

Total inward leakage

EN149:2001+A1:2009 Classification	Maximum Total Inward Leakage
FFP2	8%

Breathing resistance

EN 149:2001+A1:2009 Classification	Maximum Breathing Resistance		
	Inhalation at 30l/min	Inhalation at 95l/min	Exhalation at 160l/min
FFP2	0.7 mbar	2.4 mbar	3.0 mbar

Clogging

For single shift use respirators (NR), the clogging test is optional. For re-usable respirators this test is mandatory. The respirators are loaded with very high amount of Dolomite dust which will tend to clog the filter. After loading with the required amount of dust, the breathing resistance of the respirators shall not exceed the following limits





EN 149:2001+A1:2009 Classification	Maximum Breathing Resistance	
	Inhalation at 95l/min	Exhalation at 160l/min
FFP2	5.0 mbar (valved respirator) 4.0 mbar (unvalved respirator)	3.0 mbar (valved respirator)

Ordering Information

Description	Barcode	Packing Steel	Pcs In Box	Pcs In Carton	Gross Box	Size of Box
5200 AC FFP2 NR D	8681248449428	Individual	25	450	8.2 kg	72x52x27 cm

Marking

R : Reusable
 NR : Non Reusable (single shift use only)
 D : (Dolomite) Meets the clogging resistance requirements

 End of Shelf Life. Date format: YYYY/MM/DD	 Temperature Range
 Maximum Relative Humidity	 Name and address of Legal Manufacturer

CE 2797
 EN149:2001+A1:2009
 Regulation (EU) 2016/425

UK CA 0086
 EN149:2001+A1:2009
 PPE2016/425 On Personal Protective Equipment

bsi.

ISO
 9001:2015

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EXPERIENCE 10 YEARS