



Code Nr	8810 AC V FFP1 NR D
Product Name	era FLEX
Series	Active Carbon Mesh Type
Application Limit	4 x OEL protection level (According to Npf)
Places of use	Building, Ship building, Pharmaceutical industry, Engineering, Iron and steel, Agriculture, Coal mining, etc.
Description	The disposable flat fold respirator consists of several layers of material.
Working principle	Particles are filtered through the melt blown filter.
Weight	10 gr

Components and materials

The following materials are used in the production of the FFP1

Mesh material	Polypropylene
Filter material	Polypropylene
Carbon material	Activated carbon material
Head Straps	Knit Rubber
Valve	Polypropylene
Faceseal	Polyethylene

EN149:2001+A1:2009 Classification	Maximum Filter Penetration
FFP1	20%
EN149:2001+A1:2009 Classification	Maximum Total Inward Leakage
FFP1	22%

Breathing resistance

The breathing resistance of the respirator is tested during inhalation (continuous flow) and exhalation (cyclical flow). The breathing resistance of the respirators shall not exceed the following limits

EN 149:2001+A1:2009 Classification	Maximum Breathing Resistance		
	Inhalation at 30l/min	Inhalation at 95l/min	Exhalation at 160l/min
FFP1	0.6 mbar	2.1 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
FFP1	4.0 mbar (valved respirator)	3.0 mbar (valved respirator)
	3.0 mbar (unvalved respirator)	

Ordering Information

Description	Barcode	Packing Steel	Pcs In Box	Pcs In Carton	Gross Box	Size of Box
8810 AC V FFP1 NR D	8681248449787	Multiple	10	150	7.5 kg	51x71x29 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
 PPE:2016/425 On Personal Protective Equipment

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ISO
 9001:2015

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10 YEARS
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