



Code Nr	4100 FFP1 NR D
Product Name	ERA
Series	Vertical Folding Series
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

Component	Material
Filter material	Polypropylene
Head Straps	Knit rubber
Nose clip	Polypropylene
Nose foam	Polyurethane

Maximum Filter Penetration

EN149:2001+A1:2009 Classification	Maximum Filter Penetration
FFP1	20%

Total inward leakage

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

Breathing resistance

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 (unvalved respirator)	3.0 mbar (valved respirator)

Ordering Information


Description	Barcode	Packing Steel	Pcs In Box	Pcs In Carton	Gross Box	Size of Box
4100 FFP1 NR D	8681248449572	Individual	25	450	7.9 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
PPE:2016/425 On Personal Protective Equipment

bsi.

ISO
9001:2015

bsi

10 YEARS
WARRANTY