



Code Nr	1100 FFP1 NR
Product Name	ERA
Series	Horizontal 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	TPE (Thermo plastic elastomer) Latex free head band
Nose clip	Polypropylene

## 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
1100 FFP1 NR	8681248449121	Multiple	25	500	5.75 kg	60x38x30 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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**10 YEARS**  
EXPERIENCE