



|                   |   |
|-------------------|---|
| Code Nr           | 7300 AC FFP3 NR D   |
| Product Name      | ERA   |
| Series            | Conical Professional Series AC  |
| Application Limit | 50 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 FFP3

| Component       | Material                  |
|-----------------|---------------------------|
| Filter material | Polypropylene             |
| Carbon material | Activated carbon material |
| Head Straps     | Knit Rubber               |
| Valve           | Polypropylene             |
| Nose clip       | Aluminum (Optional)       |
| Faceseal        | Polyethylene              |

## Maximum Filter Penetration

| EN149:2001+A1:2009 Classification | Maximum Filter Penetration |
|-----------------------------------|----------------------------|
| FFP3                              | 1%                         |

## Total inward leakage

| EN149:2001+A1:2009 Classification | Maximum Total Inward Leakage |
|-----------------------------------|------------------------------|
| FFP3                              | 2%                           |

## Breathing resistance

| EN 149:2001+A1:2009 Classification | Maximum Breathing Resistance |                       |                        |
|------------------------------------|------------------------------|-----------------------|------------------------|
|                                    | Inhalation at 30l/min        | Inhalation at 95l/min | Exhalation at 160l/min |
| FFP3                               | 1.0 mbar                     | 3 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       |
| FFP3                               | 7.0 mbar (valved respirator) | 3.0 mbar (valved respirator) |

## Ordering Information

| Description       | Barcode       | Packing Steel | Pcs In Box | Pcs In Carton | Gross Box | Size of Box   |
|-------------------|---------------|---------------|------------|---------------|-----------|---------------|
| 7300 AC FFP3 NR D | 8681248449053 | Multiple      | 10         | 120           | 4.5 kg    | 44x45.5x45 cm |

### Marking

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

|  |  |
|--|--|
|  End of Shelf Life.<br>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

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**ISO**  
 9001:2015

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