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|-------------------|---|
| Code Nr | 8800 AC FFP2 NR D |
| Product Name | eraFLEX |
| Series | Active Carbon Mesh Type |
| 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 | 30 gr |

Components and materials

The following materials are used in the production of the FFP2

| Component | Material |
|-----------------|---------------------------|
| Mesh material | Polypropylene |
| Filter material | Polypropylene |
| Carbon material | Activated carbon material |
| Head Straps | Knit Rubber |
| Face seal | Polyethylene |

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

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

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 |
| 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) | 3.0 mbar (valved respirator) |
| | 4.0 mbar (unvalved respirator) | |

Ordering Information

| Description | Barcode | Packing Steel | Pcs In Box | Pcs In Carton | Gross Box | Size of Box |
|-------------------|---------------|---------------|------------|---------------|-----------|-------------|
| 8800 AC FFP2 NR D | 8681248449794 | Multiple | 15 | 150 | 7.51 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

bsi.

ISO
9001:2015

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10 YEARS
WARRANTY