

Product code

54 00 10

Description

CleanAIR® Particle filter PSL provides protection against particles in the form of liquid and solid aerosols e.g. dust, smoke, metal fumes, mists, fibers, bacteria and viruses.



Standards

P3 R according to **EN 143:00**
PSL R according to **EN 12941:1998**
PSL R according to **EN 12942:1998**

| Protection type marking | Protect against |
|-------------------------|---|
| P | Solid particles in the form of liquid and solid aerosols (e.g. dust, smoke, fibres, bacteria, viruses and radioactive particles, ...) |

Weight

135 g

Dimensions

diameter 110 mm
height 70 mm

Materials

filter housing: ABS
filtration medium: microfiber glass media

Thread

two threads:

- male thread with diameter 49 mm
- female RD40x1/7" thread

Storage conditions
Operating conditions

-10°C to + 55°C, humidity 20 - 80 % RH
+10°C to + 40°C, humidity 20 - 80 % RH

| REQUIREMENTS EN 143:2000 / A1:2006 | |
|--|-------------|
| Breathing resistance with clean filters | |
| 30 l/min | max. 120 Pa |
| 95 l/min | max. 420 Pa |
| Breathing resistance during the dust clogging test | |
| 95 l/min | max. 700 Pa |
| Maximum permitted penetration of test aerosol at 95 l/min | |
| Sodium Chloride NaCl | max. 0,05 % |
| Paraffin oil | max. 0,05 % |

| REQUIREMENTS EN 12941:1998 / A2:2008 | |
|---|-------------|
| Initial penetration during the clogging test | |
| Sodium Chloride NaCl | max. 0,05 % |
| Paraffin oil | max. 0,05 % |
| Filter penetration during the sorbtion capacity test | |
| Paraffin oil | max. 0,05 % |

| REQUIREMENTS EN 12942:1998 / A2:2008 | |
|---|---------------|
| Breathing resistance: | |
| unit switched on | max. 350 Pa |
| unit switched off | max. 1 100 Pa |
| Initial penetration during the clogging test | |
| Sodium Chloride NaCl | max. 0,05 % |
| Paraffin oil | max. 0,05 % |

If the laboratory measured different values on every measured filter, the table above always shows the worst of them. Although the measured values of the individual filters may slightly differ. At all circumstances, the manufacturer can guarantee that the filters comply with required standards.

Limitations



- Please, read carefully relevant instruction for use and follow your national safety regulations for PPE.
- Disposal should be undertaken in accordance with local environmental, health and safety regulations.