

**Product code**

50 02 48



**Description**

CleanAIR® filter P3, with two threads RD40x1/7" provides protection against particles in the form of liquid and solid aerosols e.g. dust, smoke, metal fumes, mists, fibers, bacteria and viruses. Combinable with double threaded gas filters.

**Standards**

**P3 R** according to **EN 143:2000 / A1:2006**  
**TH3 P R SL** according to **EN 12941:1998 / A2:2008**  
**TM3 P R SL** according to **EN 12942:1998 / A2:2008**

**Compatibility**

CleanAIR® filter P3 with two threads RD40x1/7" can be connected directly to any compatible mask, alternatively used as a part of PAPR system. Using the filter in combination with PAPR unit, higher user comfort can be achieved.

Double threaded P3 filter in combination with double threaded gas filters can provide the same protection as combined filters. This filter is the only compatible filter for use with CleanAIR® Pressure For Mask system.

**Compatible CleanAIR® masks**

full face mask Shigematsu GX02  
 full face mask Shigematsu CF02  
 half mask CleanAIR® CA-5

**Compatible PAPR units**

CleanAIR® Chemical 2F Plus  
 CleanAIR® Chemical 3F Plus  
 CleanAIR® Chemical DF

**Compatible CleanAIR® pressured airline systems**

CleanAIR® Pressure For Mask

Protection type marking	Protect against
P	<b>Particles in the form of liquid and solid aerosols</b> (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

**Threads**

One male and one female RD40x1/7" threads in accordance with EN 148-1

**Operating conditions**

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

**Storage conditions**

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

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

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

<b>REQUIREMENTS EN 12942:1998 / A2:2008</b>	
<b>Breathing resistance during the test with: Shigematsu GX02 full face mask and the CleanAIR® Chemical 3F unit</b>	
unit switched on	max. 350 Pa
unit switched off	max. 1 100 Pa
<b>Initial penetration during the clogging test</b>	
Sodium Chloride NaCl	max. 0,05 %
Paraffin oil	max. 0,05 %

The manufacturer guarantee that the filters comply with all requirements of EN 143, EN 12 941 and EN 12942 standards.

### Areas of application

In both cases it may find application in dusty industrial environments, automotive industry, shipbuilding industry, welding, grinding, surface finishing operations, building industry and agriculture.

### 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.