

Product code

50 00 48

Description

CleanAIR® Filter P3, thread 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.



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, thread 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.

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

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

86 g

Dimensions

diameter 110 mm
 height 50 mm

Materials

filter housing: ABS
 filtration medium: microfiber glass media

Thread

RD40x1/7" in accordance with EN 148-1

**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 during the test with: Shigematsu GX02 full face mask and the CleanAIR® Chemical 3F unit	
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.

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.