Model: 203 A2B2E2K2P3 R D
P/N 124530000

FILTER

Combined ffilter with standard thread connector to **EN 148⬚1** for organic vapours having boiling point higher than 65°C, inorganic gases and vapours, Sulphur Dioxide (SO_2), Ammonia (NH_3) and its derivatives, dusts, fumes and mists.

The filter can be used with masks type **TR 82, TR 2002 CL2** and **TR 2002 CL3** or equivalent, provided that they are fitted with EN 148-1 connector

TECHNICAL DATA
Inhalation resistance at 30 l/min: 1.8 mbar at 95 l/min: 6.6 mbar

Duration at gases

Filter type	Class	Testing Gas	Testing Concentration (PPM)	Testing Flow (l/min)	Testing HR (%)	Breakthrough concentration (PPM)	Duration Required (min)	Duration Tested (min)
A	2	C_6H_{12}	5000	30	70	10	35	48
B	2	Cl_2	5000	30	70	0.5	20	32
		H_2S	5000	30	70	10	40	46
		HCN	5000	30	70	10	25	>35
E	2	SO_2	5000	30	70	5	20	28
K	2	NH_3	5000	30	70	25	40	52

Performance particle filtration

Filter type	Penetration (l/min)	Testing Aerosol	Penetration Max Allowed (%)	Test 1 (%)	Test 2 (%)	Test 3 (%)
P R	95	NaCl	0.05	0.0019	0.0019	0.0008
		Paraffin oil	0.05	0.0007	0.0008	0.0009

Test Filter Type - Performance Particle Filtration to register:
Test 1: Penetration (media calculated 30 sec after the test beginning)
Test 2: Max Penetration till 120 mg aerosol exposition

Test 3: Penetration (media calculated 30 sec after the test beginning) after 120 mg aerosol exposition and 24h storage

Marking R means that the filter is reusable for more than one workshift.

« D » clogging test with Dolomite Dust.
Filter is submitted to an obstruction test with a concentration of Dolomite of 263 mg.h.m³. Inhalation
resistance: a 95 l/min: 8.4 mbar (request < 10.5 bar)

Filter type	Testing Flow	Testing Aerosol	Penetration Max Allowed (%)	Penetration Max Measured (%)
P R	95	NaCl	0.05	0.0008
		Paraffin oil	0.05	0.0008

Marking D means the filter passed the clogging test with Dolomite dust and it has high performance in dusty and sandy settings.