

## Technical Data Sheet

### Filter Dirin 230 A2B2E2K2 P3

**Manufacturer's Name and address:** D.P.I. S.r.l.  
Via di Cervara 42 – 00155 ROMA

**Product Type:** PPE for the respiratory tracts– combined filter

**Description:** Medium capacity multipurpose combined filter, to be used against:

- 1 – specific organic gases and vapours, with boiling point above 65°C;
- 2 – specific inorganic gases and vapours, but not against carbon monoxide ( CO );
- 3 –Sulphur dioxide and specific acid gases and vapours;
- 4 – ammonia and specific ammonia organic by-products;

Protection against aerosols is provided by a pleated piece made of fibre glass and synthetic binder, capable to filtrate solid and liquid particulates (dust, fumes and mist) depending on its class efficiency as stated on the filter, treated to filter fungi and bacteria (BIOSTOP)

The filter is contained in a synthetic resin casing with a high mechanical resistance and is fitted with a thread complying with the norm EN 148/1.

**Reference Norm:** EN 14387:04 + A1:2008

**Duration:** the below test results have been achieved under the following test conditions (as foreseen by the Norm EN 14387:04 and EN 143:00/A1:2006) :

Air flow (continuous): 30 l/min

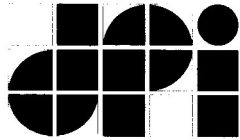
Relative Humidity: 70 ± 2%

Temperature : 20 ± 1 °C

Gas test concentration (in open space ): 5000 PPM

TESTING GAS	FILTER DURATION (minutes) *
Cyclohexan C <sub>6</sub> H <sub>12</sub>	50
Chlorine Cl <sub>2</sub>	33
Hydrogen sulphide H <sub>2</sub> S	90
Hydrogen Cyanide HCN	32
Sulphur dioxide SO <sub>2</sub>	30
Ammonia NH <sub>3</sub>	69

(\* ) Above results are those as mentioned in the relevant test reports issued by the Notified Body.



**Aerosol test:**

REQUIREMENT	TEST RESULTS (%)
NaCl leakage (%)	0.004
Paraffin oil leakage (%)	>0.003

**Breathing Resistance:**

at 30 l/min	2.1 mbar
at 95 l/min	7.9 mbar

**Weight:** About 297 g