

# Data Sheet: Full face mask FP-C CBRN



Full face negative-pressure respirator, chiefly for CBRN use

**Description** Full face mask respirator for use with filters or supplied air

**Material** Halo-butyl rubber

**Usage** Intended for CBRN applications. Filtrable, non-IDLH atmospheres with an oxygen content sufficient for human breathing

**Inward leakage** — EN136:1998 Class 2: <0.05%

**Chemical agent permeation resistance:** FP-C with 125-CBRN1 canister tested on breathing machine set at 40 l/min against distilled sulphur mustard (HD) and sarin (GB) as per table below:

Agent	Conc.	Dur. (min)	Max b'thru (mg-min/m <sup>3</sup> )	Min serv. life (h)
HD-vapour	50 mg/m <sup>3</sup>	30	3.0	8
HD-liquid	0.43 – 0.86 ml	120	3.0	2
GB	210 mg/m <sup>3</sup>	30	1.05	8

**Inhalation resistance** 43.2 mm H<sub>2</sub>O at 85 l/min

**Exhalation resistance** 14.0 mm H<sub>2</sub>O at 85 l/min

**Field of vision** 180°

**Cold/heat resistance** –30°C to +50°C

**Visor** Abrasion-resistant hard-coated Polycarbonate material