



SEA full face mask – FP-C CBRN model

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Full face mask – FP-C CBRN model

- Approved by NIOSH CBRN APR for use in CBRN applications in filtrable, non-IDLH atmospheres containing sufficient oxygen for human breathing
- Halo-butyl rubber compound material for great resistance against a wide variety of materials, including chemical and biological warfare agents
- 180° view visor
- Can easily be fitted with optional SmallTalk microphone and loudspeaker
- Spectacles easily fitted inside mask
- Used with S.E.A. threaded 125mm CBRN filter



Also available: [readiness kit case](#). [Click for details](#).

Description:	Full face CBRN respirator
Product name:	FP-C
Usage:	Intended for CBRN applications. Filtrable, non-IDLH atmospheres with an oxygen content sufficient for human breathing.
Inward leakage:	NIOSH Laboratory Respirator Protection Level (LRPL) > 2,000

Chemical agent permeation and penetration resistance:

FP-C with 125-CBRN1 canister tested by NIOSH on breathing machine against distilled sulfur mustard (HD) and sarin (GB) as per table below:

Agent	Chall. conc.	Dur. of chall. (min)	Breath. mach. air flow rate (l/min)	Max. peak excurs. (mg/m ³)	Max b'thru (conc. integr. over min. serv. life) (mg-min/m ³)	No. of syst. tested	Min. serv. life (h)
HD-vapor	50 mg/m ³	30	40	0.30	3.0	3	8
HD-liquid	0.43 to 0.86 ml	120	40	0.30	3.0	3	2
GB	210 mg/m ³	30	40	0.044	1.05	3	8

Inhalation resistance:

NIOSH test results: 43.2 mm H₂O at 85 l/min (requirement: 65 mm H₂O)

Exhalation resistance :

NIOSH test results: 14.0 mm H₂O at 85 l/min (requirement: 20 mm H₂O)

Field of vision:

180°

Face piece material :

Halo butyl rubber

Operating temperature range:

-30°C to +50°C (-22°F to 122°F)

Visor material:

Abrasion-resistant hard-coated polycarbonate

Accessories:

Foam insert for unusual face sizes and shapes (SEA-FI)
 SmallTalk electronic voice communication unit (ST2-F)
 Belt attachment for SmallTalk (HSE)
 Tear-off visor films (pack of 10) (VC)
 Spectacle frames (attaches securely to inside of visor) (FSF-T)
 Pre-filter (221) and pre-filter holder (PFH-T)
 Fit test adapter for performing facepiece fit tests (FTA1)

*) Approvals are subject to any conditions listed in the approval document. Note also that some approvals apply only to certain combinations of equipment components. For conditions and other details, see the relevant licence document.