CBRN CANISTERS

K3C

CBRN Canister NATO Triptych D103 · STANAG 4155 / EN148-1

MODEL · K3C



OVERVIEW

NATO Triptych D103-validated canister with a 10-year shelf life.

The K3C CBRN canister delivers reliable protection against chemical warfare agents and toxic industrial chemicals, with performance validated by ProQares, TNO, Netherlands according to NATO Triptych D103. Designed for economic operation with a 10-year shelf life and NATO-standard compatibility, the K3C provides comprehensive CBRN protection for military and law enforcement applications worldwide.

280 g	10 yrs	63 min
canister weight	shelf life when sealed	chloropicrin protection

FUNCTIONS / FEATURES

04 FEATURES

01

NATO Triptych D103

Validated protection, tested by ProQares, TNO, Netherlands.

02

Comprehensive Filtration

Protection against chemical warfare agents and toxic industrial chemicals.

03

NATO-standard Thread

40 mm STANAG 4155 / EN148-1 connection.

04

Broad Compatibility

Compatible with K3 and other NATO-standard masks.

SPECIFICATION

K3C

TECHNICAL SPECIFICATIONS

Weight	**280** g
Dimension	**115** × **59** mm (without thread)
Thread	40 mm NATO STANAG 4155 and EN148-1
Material	Body: MPPO plastic
Shelf life	**10** years when sealed
Compliance	NATO Triptych D103 (ProQares, TNO)

PROTECTION PERFORMANCE (NATO TRIPTYCH D103)

Agent category	Protection time	Concentration (mg/m³)
Hydrogen cyanide (HCN)	**30** min	**2,050**
Cyanogen chloride (CICN)	**50** min	**2,080**
Sarin (GB)	—	< **40** µg, **525**
Sarin / Cyanogen chloride	**59** min	**985** (GB), **2,090** (CICN)
Sarin / Hydrogen cyanide	**34** min	**985** (GB), **2,000** (HCN)
Chloropicrin adsorption	**63** min	**5,020**
Water repellency	PASS	QSTAG **838** method **23**

Protection time depends on the wearer's breathing rate and on environmental factors including toxic gas concentration, ambient temperature and humidity.

Specifications are subject to change without prior notice for product improvement. Values are typical and based on manufacturer and certification test data. · Rev. 2026-10