

POLYGARD 700 Series Chemical Cartridges



polyGARD 701 A1



polyGARD 702 A1E1



polyGARD 703 A1B1E1K1

Premium Quality with Affordable Price

The **polyGARD 700 Series cartridges** are certified not only with **CE** but also with **AS/NZS certification** for Australia/New Zealand and **KCs certification** for South Korea. They adopt the widely used **bayonet connection system** and feature a **Swift-back design** that reduces strain on the neck, providing greater comfort for workers. Additionally, the 700 Series cartridges are designed with **minimal sharp edges**, effectively reducing **dead space** inside the cartridge that can occur during use.

Improved features

From OV to Multigas

The **700 Series cartridges** include a range of options tailored for various industrial applications. It starts with the **701 Organic Vapor Cartridge**, ideal for chemical plants and painting processes involving organic solvents. The **702 Organic Vapor/Acid Gas Cartridge** is suitable for metal processing and smelting operations where acid gases are present. For broader protection, the series also offers a **multi-gas cartridge** that guards against **organic vapors, inorganic vapors, acid gases, and ammonia**, providing the most versatile coverage.

Additional Particulate Protection

The **700 Series cartridges**, which provide protection against various gases and vapors, can be enhanced with **particulate protection** as well. The **7N11 P2-rated particulate filter** can be attached to the 700 Series cartridges using the **510 filter adapter**, enabling **combined gas and particulate protection**.



polyGARD 7N11 P2 filter



polyGARD 7N11 assembled with 700 Series Cartridge

**POLYGARD 700 Series Chemical Cartridges**

**Key Features**

- Bayonet type connection
- Swift-back design
- Minimal sharp edges
- Stain-free black body
- Low capacity

**Approvals**

AS/NZS 1716:2012 – Respiratory protective devices  
 CE0082 - CE Directive 89/686/EEC  
 KCs – KMOEL 2020-35

**Use**

After fitting is ensured and product training is given to wearers, POLYGARD FFS600 Series respirator may be used in contaminant concentrations up to 50 times the exposure limit. However there can be local regulation that requires being considered in prior depends on the jurisdiction of the worksite.

**Weight**

7N11 filter – 5.6g (Pair)  
 510 filter retainer – 22.0g(Pair)  
 700 series cartridge – 183.0g (Pair)

**Requirements**

Mark	Chemical	Concentration (ppm)	Breakthrough (min)
A1	C <sub>6</sub> H <sub>12</sub>	1,000	70
B1	HCN	1,000	25
B1	H <sub>2</sub> S	1,000	40
B1	Cl <sub>2</sub>	1,000	20
E1	H <sub>2</sub> SO <sub>3</sub>	1,000	20
K1	NH <sub>3</sub>	1,000	50

**Material**

Component	Material
Filter Body	Polystyrene
Filter Element	Activated carbon

**Facepiece Options**

FFS680(M)/ 690(L) Full Facepiece  
 S900 Series(M, L, XL) Full Facepiece  
 S600 Series(S, M, L) Half Facepiece  
 7500 Series(S, M, L) Half Facepiece



FFS680(M)/ 690(L)



S900 Series(M, L, XL)



S600 Series(S, M, L)



7500 Series(S, M, L)