GVS
FILTER TECHNOLOGY
ELIPSE® HALF MASK +HESPA®
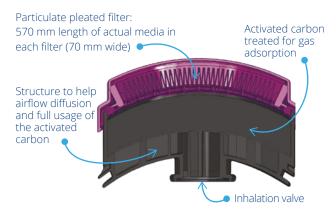## P100 Organic Vapor / Acid Gas: (OV/SD/HC/CL/CD/HS/HF/P100)
TDS
Technical DataSheet

H: 130 mm
D: 120 mm
W: 195 mm

374 g

Filters

137 g each

H: 95 mm
D: 55 mm
W: 60 mm

Standards
NIOSH Approval number:
OV/SD/HC/CL/CD/HS/HF/P100
TC-84A-8078

Shelf Live
3 years (mask & filters) See storage conditions on Instructions for Use. Filters are reusable and changeable.

Material
• **Mask:** Medical grade TPE conforms to ISO 10993-10: 2010 for irritations. Mask body latex and silicone free, odour free.
Valve body in nylon, inhalation/exhalation diaphragm in silicone.
4 point adjustable elasticated head and neck strap with comfort pad in TPE.
• **Gas Filters:** Activated carbon sealed into a ABS Shell.
• **Particulate filters:** Mechanical type multi-layer HESPA synthetic media overmolded / encapsulated with flexible TPE. Particulate filters are integrated with the carbon element.

Production
United Kingdom
100% of filters NaCl tested

Efficiency / Performance
P100 >99.97% for 0.3 μ particulate
@ 500ppm: Chlorine (Cl_2) >25 minutes.
@ 500ppm: Chlorine Dioxide (ClO_2) >40 minutes
@ 500ppm: Hydrogen Chloride (HCl) >35 minutes.
@ 70ppm: Hydrogen Fluoride (HF) >40 minutes
@ 500ppm: Hydrogen Sulfide (H_2S) >40 minutes
@ 500ppm: Sulfur Dioxide (SO_2) >20 minutes
@ 1000ppm: Organic Vapor - Carbon Tetrachloride (CCl_4) > 30 minutes.

Particulate pleated filter: 570 mm length of actual media in each filter (70 mm wide)

Activated carbon treated for gas adsorption

Structure to help airflow diffusion and full usage of the activated carbon

Inhalation valve

Code	Description	Quantity
SPR472 (S/M) SPR473 (M/L)	P100 Organic Vapor / Acid Gas: (OV/SD/HC/CL/CD/HS/HF/P100) Reusable Half Mask	10 pcs. per box
SPR474	P100 Organic Vapor / Acid Gas: (OV/SD/HC/CL/CD/HS/HF/P100) Replacement Filters	5 sets of 2 pcs. per box
SPM009	GVS High Efficiency Gas/Dust Mask Carry Case (Belt holder)	10 sets per box

Applications - Gases, dust, mist and fumes

Microelectronics
Manufacturing semiconductors

Mining & Metal
Copper separation Desoxidation

Car & Ship Repair
Epoxite, Paint, Solvants

Chemical Manufacturing
Making fertilizer, solvents, industrial cleaning agents, insecticides

Agriculture
Pesticides

Pharmaceutical
Powders, Viruses

Laboratories
Use of chemical agents

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