

Single filters for HFM



V-7500 A1 E1 P1 Filter



V-7500 ABEK1 Filter



V-7500 B1 Filter



V-7500 K1 Filter



V-7500 P1 S Retainer Filter



V-7500 A1 P1 Filters

Technical Specifications:

1. **Filter Type:** Gas and particle filters for VENUS V-500 half mask.
2. **Standards:** IS & CE-certified filters for tested performance.
3. **Test Gases & Limits:** Tested for gases like Ammonia, Chlorine, Hydrogen Sulfide, Sulphur Dioxide, Carbon Tetrachloride; MUL or 4X OEL, whichever is lower.
4. **Accessories:** Pre-filter retainers available.
5. **Color Coding:** Hazard-specific identification.

Features of Venus V-7500 filters:

1. **Threaded Cartridge Design:** The filters have a threaded design for secure attachment.
2. **Certified Compliance with IS Standards (IS 15222 & IS 15322):** Filters meet recognized Indian standards for particle and gas filtration.
3. **Tested for Specific Gases:** Filters are rigorously tested for gases like Ammonia (NH₃), Chlorine (Cl₂), Hydrogen Sulfide (H₂S), Carbon Tetrachloride (CCl₄), and Sulphur Dioxide (SO₂).
4. **Compatibility with VENUS V-500 Half Mask:** Designed specifically for use with the VENUS V-500 half mask.
5. **Maximum Use Level (MUL) and 4X OEL Compliance:** Filters are effective up to the maximum use level or four times the occupational exposure limit, whichever is lower.





VENUS single gas filters used in connection with the VENUS V-500 half masks

FILTER	COLOUR CODE	HAZARD TYPE	TEST GASES	MAXIMUM USER LEVELS
VENUS V-7500 A1P1S Filter Item # Colour 17021 BROWN		Organic Vapour (OV)	Carbon Tetrachloride (CCl ₄)	1000 ppm or 20 X OEL whichever is lower
VENUS V-7500 B1 Filter Item # Colour 17028 GREY		Inorganic Gases(IO)	Chlorine (Cl ₂), Hydrogen Sulphide (H ₂ S), Hydrogen Cyanide (HCN)	1000 ppm or 20 X OEL whichever is lower
VENUS V-7500 E1 Filter Item # Colour 17020 YELLOW		Acid Gases(AG)	Sulphur Dioxide (SO ₂)	1000 ppm or 20 X OEL whichever is lower
VENUS V-7500 K1 Filter Item # Colour 17022 GREEN		Ammonia(AM) & derivatives	Ammonia (NH ₃)	1000 ppm or 20 X OEL whichever is lower
VENUS V-7500 ABEK1 Filter Item # Colour 17027 MULTICOLOUR		OV/IO/AG/AM	Carbon Tetrachloride (CCl ₄), Chlorine (Cl ₂), Hydrogen Sulphide (H ₂ S), Hydrogen Cyanide (HCN), Sulphur Dioxide (SO ₂), Ammonia (NH ₃)	1000 ppm or 20 X OEL whichever is lower
VENUS V-7500 P1 S Pre-Filter Item # Colour 13082 YELLOW RETAINER Item # Colour 13085 GREY	 	Particle Filter	Solid particles	4 X OEL
VENUS V-500 COMBO A1 P1S Filter Item # Colour 15030 BROWN		Organic Vapour(OV)	Carbon Tetrachloride (CCl ₄)	1000 ppm or 20 X OEL whichever is lower
VENUS V-500 COMBO E1 Filter Item # Colour 15053 YELLOW		Acid Gases(AG)	Sulphur Dioxide (SO ₂)	1000 ppm or 20 X OEL whichever is lower






Benefits of Venus V-7500 filters:

1. **Threaded Cartridge Design:** Makes installation and replacement quick and easy, ensuring a reliable seal and reducing downtime during filter changes.
2. **Certified Compliance with IS Standards (IS 15222 & IS 15322):** Ensures high-quality protection, reliability, and regulatory compliance, giving users' confidence in safety.
3. **Tested for Specific Gases:** Offers precise protection against specific chemical exposures, making them suitable for targeted industrial applications.
4. **Compatibility with VENUS V-500 Half Mask:** Ensures proper fitment and performance, improving comfort and user safety while simplifying product selection.
5. **Maximum Use Level (MUL) and 4X OEL Compliance:** Provides durable protection in challenging conditions, ensuring the safety of workers without compromising filter longevity.

User Instructions for Venus V-7500 filters:

1. Select the appropriate filter for the hazard.
2. Inspect the filter and mask before use.
3. Attach the filter securely to the V-500 half mask.
4. Use within MUL or 4X OEL limits; avoid oxygen-deficient areas.
5. Replace filters if damaged or breathing resistance increases.
6. Store filters in a clean, dry place after use.

Venus Gas Filters and Particle Filters Pair-Wise Used in Connection with Venus V-500 Half Face Mask

Filter	Hazard type	Examples	Maximum Use Level	Colour Code
V-7500 A1 P1 S	Organic Vapour + Particle filter	Solvents such as Carbon Tetrachloride (CCl ₄)	1000 ppm or 30 X OEL whichever is lower, if pre- filter is used in combination 1000 ppm or 4 XOEL	
V-7500 A1 E1 P1 S	OV/AG + Particle filter	Carbon Tetrachloride (CCl ₄), Sulphur Dioxide (SO ₂)	1000 ppm or 20 X OEL whichever is lower, if pre- filter is used in combination 1000 ppm or 4 XOEL	
V-7500 ABEK1	OV/IO/AG/AM	Carbon Tetrachloride (CCl ₄), Chlorine (Cl ₂), Hydrogen Sulphide (H ₂ S), Sulphur Dioxide (SO ₂), Ammonia (NH ₃)	1000 ppm or 20 X OEL whichever is lower	
V-7500 P1 S	Particle filter	Solid Particles	4 X OEL	
V-7500 B1	IO	Chlorine (Cl ₂), Hydrogen Sulphide (H ₂ S)	1000 ppm or 20 X OEL whichever is lower	
V-7500 K1	AM	Ammonia (NH ₃) & Derivatives	1000 ppm or 20 X OEL whichever is lower	