



ASL

Personal Protective Equipment Respirators & Masks Products Catalogue

- 📞 Cell Phone: +86 15056932072
- ✉ Email: asl@asl1985.com
- 📱 Whatsapp: +86 15056932072
- 🗨 WeChat: 15056932072

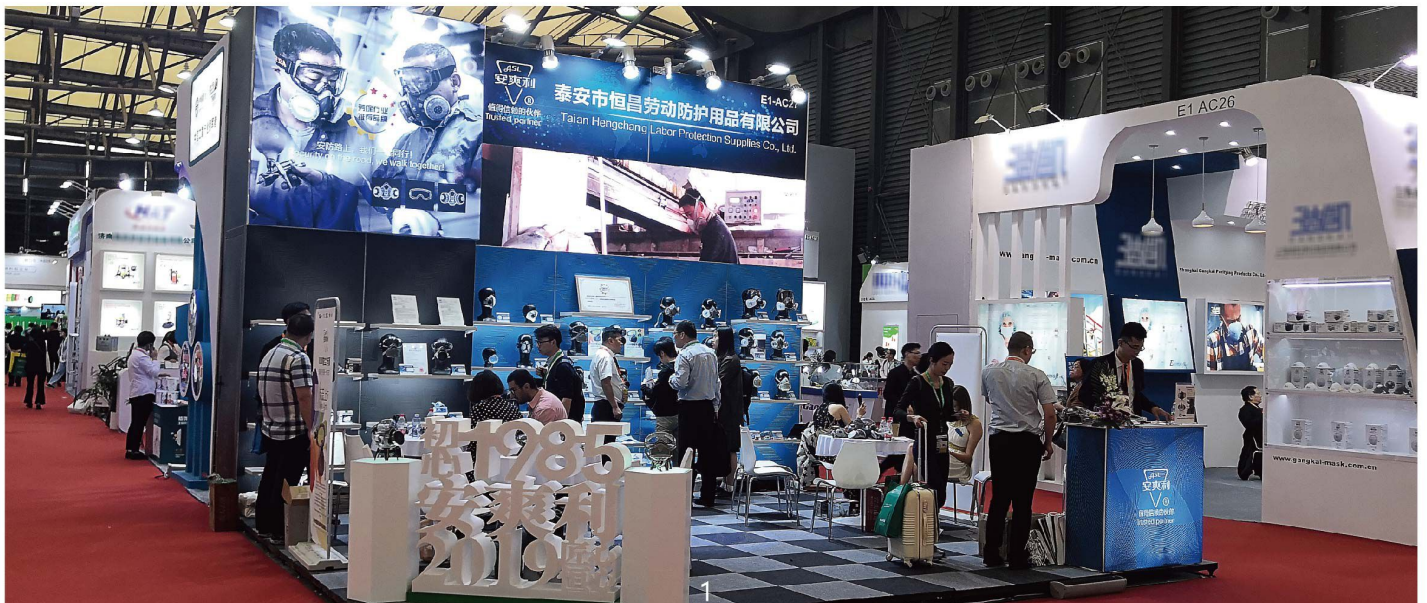
Professional Personal Protective Equipment manufacturer,
We can provide you with OEM and ODM services.

COMPANY PROFILE



Taian Hengchang Labor Protection Supplies Co., Ltd. was founded in 1985, is the standing director of the Safety and health protection products Committee of China Textile Business Association, the state Administration of Quality Supervision, Inspection and Quarantine, the state administration of Safety production supervision designated production certification enterprises. National science and technology small and medium-sized enterprises, shandong province invisible champion, specialized special new enterprises. It has built a municipal-level enterprise technology center, a provincial-level enterprise-one technology "Research and development center, expert workstations and other supporting platforms for technological innovation. The company has obtained LA certification, ISO9001 quality assurance system certification, SGS certification CE certification. The company has obtained one national invention patent, 31 utility model and appearance patents. The company has more than 100 employees and 36 r&d personnel with bachelor degree or above, with total assets of 68.592 million yuan. The company has more than 200 sets of production and scientific research instruments and equipment such as multi-coordinate mold processing center, 3D printer, nano fiber hot melt, TPE injection molding machine, corrosion resistance, filtration, tension and pressure testing equipment. There are 15 production lines and 2 purification workshops. The company mainly produces products have reached the EU standard. Taian Hengchang Labor Protection Supplies Co., Ltd. is a manufacturer of respiratory protection products with well-equipped testing facilities and strong technical force. With a wide range, good quality, reasonable prices and stylish designs our products are extensively used in petroleum, petrochemical, chemical metallurgical, mining and other industries. Gas masks and dust masks have GB certification. We can provide you OEM and ODM services. Our products are widely recognized and trusted by users and can meet continuously changing economic and social needs. We welcome new and old customers from all walks of life to contact us or future business relationships and mutual success!

COMPANY SCENE DIAGRAM



RESPIRATORY GEAR

ASL 308 HALF MASK

PRODUCT DATA SHEET: 308



Purchasable product configuration

Model	Product photo	Execution standard	Type	Description	Quantity
308 Half mask		EN 140	/	Respirators are used with twin lightweight filters	1pc/box 84boxes/carton
C312 Particle filters		EN 143	P2 R	P2 grade melt blown cloth, protection against oily and non-oily particles	20pcs/pack 100 packs/box
Y1000 Gas filter		EN 14387	A1	Protection against organic gases or vapors	2 pcs/pack 60 packs/box
Y2 Particle filters		EN 143	P2 R	P2 grade melt blown cloth, protection against oily and non-oily particles	20pcs/pack 100 packs/box
Y Filter retainer		/	/	Use with Y2 P2 R, not alone	2pcs/pack 100packs/carton
308 Dust mask		EN 140 EN 143	P2 R	308 Half mask*1 C3Particle filters box*2 C312 Particle filters*2	1set/box 60 boxes/carton
308 Gas mask		EN 140 EN 14387	A1	308 Half mask*1 Y1000 Gas filter*2	1set/box 60 boxes/carton
308 Combined Gas & Vapour & Particulate filters		EN 140 EN 14387 EN 143	A1 P2 R	308 Half mask*1 Y1000 Gas filter*2 Y2 Particle filters*2 Y Filter retainer*2	1set/box 60 boxes/carton

For more combination and customization, please contact us. Looking forward to cooperating with you

Warnings and restrictions

- Facial hair has the potential to compromise the required protective seal of the respirator.
- Ensure adequate oxygen levels are present.
- Ensure the contamination is known & the respirator is suitable for the application.
- Replace when taste, smell or the breathing resistance is high.
- Store in a clean, resealable storage device.

Reference standard

- CERTIFIED TO:
EN 140:1998 Respiratory protective devices-Half masks and quarter masksRequirements, testing, marking
EN 529:2005 Respiratory protective devicesRecommendations for selection,use, care and maintenanceGuidance document

• THIS HALF MASK:

ASL 308 half mask passed the European EN140:1998 certification, CE 2834
ASL Y2 P2 R passed the European EN143:2000+A1:2006 certification, CE 2834
ASL Y1000 A1 passed the European EN14387:2004+A1:2008 certification, CE 2834
ASL Latest passed the European certification, continuously updated



Characteristic

- Light weight,well contoured face seal for enhanced comfort and fit
- Flexible system (gas / vapour and / or particulate filters)
- Soft Thermal Plastic Elastomer (TPE) facepiece for enhanced comfort
- Low-profile design for improved user field of vision
- Economic material benefit

Description

- Main material: TPE (Thermoplastic Elastomer)
- Breathing valve plate material: silica gel
- Length * Width * Height:115*75*150mm
- Reference Weight:76g
- Installation interface: dust filter element/gas filter element universal
- Storage conditions: Storage temperature between-10 ℃ and 30 ℃, storage humidity <70%;
- Storage life: 3 years
- Implementation standard :EN140:1998

Technical Date

Carbon dioxide content of the inhalation air		EN140:1998	This parameter
		max 1.0%	0.67%~0.7%
Breathing resistance/ Inhalation valves and Exhalation valves	Inhalation (mbar)	30L/min,max 0.5	0.1~0.3
		95L/min,max 1.3	0.6~0.8
	Exhalation (mbar)	160L/min,max 2.0	1.3~1.5
		160L/min,max 3.0	1.5~1.7
Inward leakag	50 out of the 50 individual exercise results ≤5% ; 10 of the 10 individual arithmetic means ≤2%		
Flammability	Didn't burn or not continue to burn for more than 5s after removal from the flame.		
Tensile test	Can withstand axially a tensile force of 50N applied for 10s.		

NOTE:Technical Date are extracted from Testing Center , accredited for compliance with ISO/IEC 17025. The results of tests, calibrations and/or measurements included in this document are traceable to Chinese/national standards. CNAS is a signatory to the ILAC mutual recognition arrangement for the mutual recognition of the equivalence of testing, calibration and inspection reports.

Cell Phone: +86 15056932072
Email: asl@asl1985.com
Whatsapp: +86 15056932072
WeChat: 15056932072

RESPIRATORY GEAR

ASL 710 HALF MASK

PRODUCT DATA SHEET: 710



Purchasable product configuration

Model	Product photo	Execution standard	Type	Description	Quantity
710 Half mask		EN 140	/	Respirators are used with twin lightweight filters	1pc/box 32 boxes/carton
T1000 Gas filter		EN 14387	A1	Protection against organic gases or vapors	2 pcs/pack 60 packs/carton
T3 Particle filters		EN 143	P3 R	P2 grade melt blown cloth, protection against oily and non-oily particles	20pcs/pack 100packs/carton
T Filter retainer		/	/	Use with T3 P3 R, not alone	2pcs/pack 100 packs/carton
710 Gas mask		EN 140 EN 14387	A1	710 Half mask*1 T1000 Gas filter*2 T3 Particle filters*2	1set/box 20 boxes/carton
710Combined Gas & Vapour & Particulate filters		EN 140 EN 143 EN 14387	P3 R A1	710 Half mask*1 T1000 Gas filter*2 T3 Particle filters*2 T Filter retainer*2	1set/box 20 boxes/carton

For more combination and customization, please contact us. Looking forward to cooperating with you

Characteristic

- Suitable for European face shape, main material two choices.
- Can be equipped with double filter element, breathing resistance is small
- Flexible system (gas / vapour and / or particulate filters)
- Well balanced
- Low maintenance

Description

- Main material: TPE (Thermoplastic Elastomer)/Silica gel
- Breathing valve plate material: silica gel
- Length * Width * Height:125*105*145mm
- Reference Weight:115g
- Installation interface: dust filter element/gas filter element universal
- Storage conditions: Storage temperature between-10 ℃ and 30 ℃, storage humidity <70%;
- Storage life: 3 years
- Implementation standard :EN140:1998

Technical Date

Carbon dioxide content of the inhalation air		EN140:1998	This parameter
		max 1.0%	0.71%~0.74%
Breathing resistance/ Inhalation valves and Exhalation valves	Inhalation (mbar)	30L/min,max 0.5	0.2~0.3
	Exhalation (mbar)	95L/min,max 1.3 160L/min,max 2.0	0.6~0.8 1.3~1.5
		160L/min,max 3.0	1.6~1.8
Inward leakag	50 out of the 50 individual exercise results ≤5% ; 10 of the 10 individual arithmetic means ≤2%		
Flammability	Didn't burn or not continue to burn for more than 5s after removal from the flame.		
Tensile test	Can withstand axially a tensile force of 50N applied for 10s.		

Warnings and restrictions

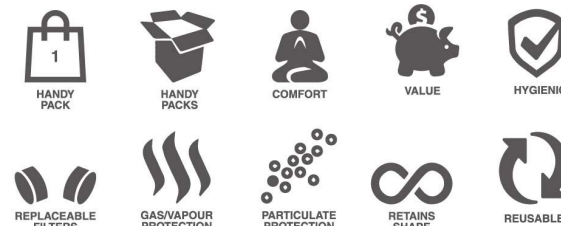
- Facial hair has the potential to compromise the required protective seal of the respirator.
- Ensure adequate oxygen levels are present.
- Ensure the contamination is known & the respirator is suitable for the application.
- Replace when taste, smell or the breathing resistance is high.
- Store in a clean, resealable storage device.

Reference standard

- CERTIFIED TO:
EN 140:1998 Respiratory protective devices-Half masks and quarter masksRequirements, testing, marking
- EN 529:2005 Respiratory protective devicesRecommendations for selection,use, care and maintenanceGuidance document

• THIS HALF MASK:

ASL 710 half mask passed the European EN140:1998 certification, CE 2834
ASL T3 P3 R passed the European EN143:2000+A1:2006 certification, CE 2834
ASL T1000 A1 passed the European EN14387:2004 certification, CE 2834
ASL Latest passed the European certification, continuously updated



NOTE:Technical Date are extracted from Testing Center, accredited for compliance with ISO/IEC 17025. The results of tests, calibrations and/or measurements included in this document are traceable to Chinese/national standards. CNAS is a signatory to the ILAC mutual recognition arrangement for the mutual recognition of the equivalence of testing, calibration and inspection reports.

Cell Phone: +86 15056932072
Email: asl@asl1985.com
Whatsapp: +86 15056932072
WeChat: 15056932072

RESPIRATORY GEAR

ASL 720 HALF MASK

PRODUCT DATA SHEET: 720



ASL



Purchasable product configuration

Model	Product photo	Execution standard	Type	Description	Quantity
720 Half mask		EN 140	/	Respirators are used with twin lightweight filters	1pc/box 32 boxes/carton
T1000 Gas filter	 <small>More Information See P80/P81/P2</small>	EN 14387	A1	Protection against organic gases or vapors	2 pcs/pack 60 packs/carton
T3 Particle filters		EN 143	P3 R	P2 grade melt blown cloth, protection against oily and non-oily particles	20pcs/pack 100packs/carton
T Filter retainer		/	/	Use with T3 P3 R not alone	2pcs/pack 100 packs/carton
720 Gas mask		EN 140 EN 14387	A1	720 Half mask*1 T1000 Gas Filter*2 T3 Particle filters*2	1set/box 20 boxes/carton
720 Combined Gas & Vapour & Particulate filters		EN 140 EN 143 EN 14387	P3 R A1	720 Half mask*1 T1000 Gas Filter*2 T3 Particle filters*2 T Filter retainer*2	1set/box 20 boxes/carton

For more combination and customization, please contact us. Looking forward to cooperating with you

Characteristic

- Suitable for European face shape, main material two choices.
- Can be equipped with double filter element, breathing resistance is small
- Flexible system (gas / vapour and / or particulate filters)
- Well balanced
- Low maintenance

Description

- Main material: TPE (Thermoplastic Elastomer)/Silica gel
- Breathing valve plate material: silica gel
- Length * Width * Height:125*105*145mm
- Reference Weight:115g
- Installation interface: dust filter element/gas filter element universal
- Storage conditions: Storage temperature between-10 ℃ and 30 ℃, storage humidity <70%;
- Storage life: 3 years
- Implementation standard :EN140:1998

Technical Date

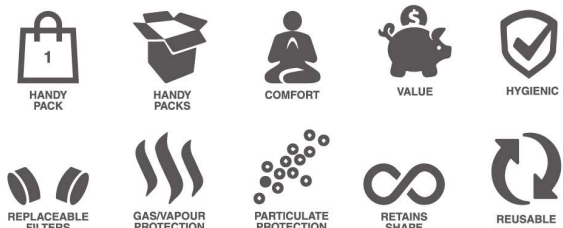
Carbon dioxide content of the inhalation air		EN140:1998	This parameter
		max 1.0%	0.7%~0.74%
Breathing resistance/ Inhalation valves and Exhalation valves	Inhalation (mbar)	30L/min,max 0.5	0.3~0.4
	Exhalation (mbar)	95L/min,max 1.3	0.7~0.9
		160L/min,max 2.0	1.4~1.6
		160L/min,max 3.0	1.3~1.5
Inward leakag	50 out of the 50 individual exercise results ≤5% ; 10 of the 10 individual arithmetic means ≤2%		
Flammability	Didn't burn or not continue to burn for more than 5s after removal from the flame.		
Tensile test	Can withstand axially a tensile force of 50N applied for 10s.		

Warnings and restrictions

- Facial hair has the potential to compromise the required protective seal of the respirator.
- Ensure adequate oxygen levels are present.
- Ensure the contamination is known & the respirator is suitable for the application.
- Replace when taste, smell or the breathing resistance is high.
- Store in a clean, resealable storage device.

Reference standard

- CERTIFIED TO:
EN 140:1998 Respiratory protective devices-Half masks and quarter masksRequirements, testing, marking
- EN 529:2005 Respiratory protective devicesRecommendations for selection,use, care and maintenanceGuidance document
- THIS HALF MASK:
ASL 720 half mask passed the European EN140:1998 certification, CE 2834
ASL T3 P3 R passed the European EN143:2000+A1:2006 certification, CE 2834
ASL T1000 A1 passed the European EN14387:2004 certification, CE 2834
ASL Latest passed the European certification, continuously updated



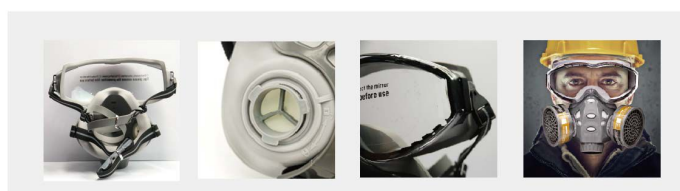
NOTE:Technical Date are extracted from Testing Center , accredited for compliance with ISO/IEC 17025. The results of tests, calibrations and/or measurements included in this document are traceable to Chinese/national standards. CNAS is a signatory to the ILAC mutual recognition arrangement for the mutual recognition of the equivalence of testing, calibration and inspection reports.

Cell Phone: +86 15056932072
Email: asl@asl1985.com
Whatsapp: +86 15056932072
WeChat: 15056932072

RESPIRATORY GEAR

ASL 8200 HALF MASK

PRODUCT DATA SHEET: 8200



Characteristic

- Half mask connect goggles
- Light weight, well contoured face seal for enhanced comfort and fit
- Flexible system (gas / vapour and / or particulate filters)
- Soft Thermal Plastic Elastomer (TPE) facepiece for enhanced comfort
- Low-profile design for improved user field of vision
- Economic material benefit

Description

- Main material: TPE (Thermoplastic Elastomer)
- Breathing valve plate material: silica gel
- Length * Width * Height: 205*90*180mm
- Reference Weight: 115g
- Installation interface: dust filter element/gas filter element universal
- Storage conditions: Storage temperature between -10 °C and 30 °C, storage humidity <70%;
- Storage life: 3 years
- Implementation standard :EN140:1998 EN 166:2001

Technical Date

Half mask	Carbon dioxide content of the inhalation air		EN140:1998	This parameter
				max 1.0%
Breathing resistance/ Inhalation valves and Exhalation valves	Inhalation (mbar)		30L/min,max 0.5	0.2~0.3
			95L/min,max 1.3	0.6~0.8
	Exhalation (mbar)		160L/min,max 2.0	1.3~1.5
			160L/min,max 3.0	1.0~1.2
Inward leakag	50 out of the 50 individual exercise results ≤5% ; 10 of the 10 individual arithmetic means ≤2%			
Flammability	Didn't burn or not continue to burn for more than 5s after removal from the flame.			
Tensile test	Can withstand axially a tensile force of 50N applied for 10s.			
Goggles			EN166: 2001	This parameter
	Luminous transmittance(%)		>74.4	91.1~91.3
	Diffusion of light (cd/(m ² -lx))		≤0.75	0.18~0.29
	Protection against high-speed particles		Low energy (F) Speed: 45.23 m/s	
	Protection against droplets and splashes of liquids		Pass	

Purchasable product configuration

Model	Product photo	Execution standard	Type	Description	Quantity
8200Half mask		EN 140 EN 166	/	Respirators are used with twin lightweight filters	1pc/box 36 boxes/carton
C312 Particle filters		EN 143	P2 R	P2 grade melt blown cloth, protection against oily and non-oily particles	20pcs/pack 100 packs/box
Y1000 Gas filter		EN 14387	A1	Protection against organic gases or vapors	2 pcs/pack 60 packs/box
Y2 Particle filters		EN 143	P2 R	P2 grade melt blown cloth, protection against oily and non-oily particles	20pcs/pack 100 packs/box
Y Filter retainer		/	/	Use with Y2 P2 R not alone	2pcs/pack 100packs/carton
8200 Dust mask		EN 140 EN 166 EN 143	P2 R	8200 Half mask*1 C3Particle filters box*2 C312 Particle filters*2	1set/box 36 boxes/carton
8200Gas mask		EN 140 EN 166 EN 14387	A1	8200 Half mask*1 Y1000 Gas filter*2	1set/box 36 boxes/carton
8200Combined Gas & Vapour & Particulate filters		EN 140 EN 166 EN 143 EN 14387	P2 R A1	8200 Half mask*1 Y1000 Gas filter*2 Y2 Particle filters*2 Y Filter retainer*2	1set/box 36 boxes/carton

For more combination and customization, please contact us. Looking forward to cooperating with you

Warnings and restrictions

- Facial hair has the potential to compromise the required protective seal of the respirator.
- Ensure adequate oxygen levels are present.
- Ensure the contamination is known & the respirator is suitable for the application.
- Replace when taste, smell or the breathing resistance is high.
- Store in a clean, resealable storage device.

Reference standard

- CERTIFIED TO:
EN 140:1998 Respiratory protective devices-Half masks and quarter masksRequirements, testing, marking
- EN 166:2001 Personal eye-protectionSpecifications
- EN 529:2005 Respiratory protective devicesRecommendations for selection,use, care and maintenanceGuidance document

- THIS HALF MASK:
ASL 8200 half mask passed the European EN140:1998 certification, CE 2834
EN 166:2001certification, CE 2834
ASL Y1000 A1 passed the European EN14387:2004 certification, CE 2834
ASL Latest passed the European certification, continuously updated



NOTE: Technical Date are extracted from Testing Center, accredited for compliance with ISO/IEC 17025. The results of tests, calibrations and/or measurements included in this document are traceable to Chinese/national standards. CNAS is a signatory to the ILAC mutual recognition arrangement for the mutual recognition of the equivalence of testing, calibration and inspection reports.

Cell Phone: +86 15056932072
Email: asl@asl1985.com
Whatsapp: +86 15056932072
WeChat: 15056932072

EYE PROTECTION

ASL Y300 GOGGLES

PRODUCT DATA SHEET: Y300



Description

- Body material: PP/TPE
- Length * Width * Height :185*90*80mm
- Reference Weight:116g
- Storage conditions: Storage temperature between 5 °C and 40 °C , storage humidity <90%;
- Storage life: 3 years
- Implementation standard :EN166:2001

Introduce

Always check with your supervisor or safety officer to confirm that the protection offered by this pair of eyewear adequate production for your work environment. They are Class 2 optical and can be worn all day in a normal working environment. And this pair of eyewear should only be used at room temp. Check the eyewear regularly for noticeable scratching, pitting or any other damage to the lens. Scratching, pitting, or other damage to the lens can seriously reduce the level of protection provided by the product.

No parts on this eyewear are replaceable or interchangeable. If any part of the eyewear is deemed unfit for use then the whole product should be discarded.

If protection against high speed particles at extremes of temperature is required then the selected eye protector should be marked with the letter T immediately after the impact letter, i.e. FT, BT or AT. If the impact letter is not followed by the letter T then the eye protector shall only be used against high speed particles at room temperature.

This product is not supplied with any accessories. It is advised that you keep this eyewear in a protective bag or box when not in use.

Technical Date

	EN166: 2001	This parameter
Luminous transmittance(%)	>74.4	92.9~93.6
Diffusion of light (cd/(m2-lx))	≤0.75	0.16~0.26
Protection against high-speed particles	Low energy (F) Speed: 45.7 m/s	
Protection against droplets and splashes of liquids	Pass	
Resistance to fogging of oculars	Pass	
lateral protection	Pass	

Cleaning and maintenance

- Wash the dust and particles attached to the surface of the lens with water first, then rinse them off;
- Use a wet towel to wipe the oil and attachment on the surface, wipe it clean;
- Use a clean cloth or paper towel to wipe the lens from inside out, not front to back.

Applications, Limitations and Cautions

This eyewear can be cleaned with soap and warm water or cleaned with a common domestic disinfectant.

Whereas the lens are hardcoated to provide a certain level of scratch resistance, they are not scratch proof and it is recommended that wiping of lens be kept to a minimum and only done so with a soft non abrasive cloth.

Materials which may come into contact with the wearer's skin could cause allergic reactions to susceptible individuals

Eye-protectors against high speed particles worn over standard ophthalmicspectacles may transmit impacts, thus creating a hazard to the wearer.

Marking of lens

Identification of the manufacturer	ASL
Optical class	2
Low energy impact	F
Symbol for resistance to fogging of oculars	N

Marking of frame

Identification of the manufacturer	ASL
The number of this standard	EN 166
Low energy impact	F
Symbol for liquids	3

Reference standard

• CERTIFIED TO: EN166:2001 Personal eye-protection Specifications

• THIS GOGGLES : ASL Y300 Goggles passed the European EN166:2001 certification, CE 2834 ASL Latest passed the European certification, continuously updated



HANDY PACK



HANDY PACKS



COMFORT



HYGIENIC



VALUE

DOUBLE FILTERING DEVICE ASL Y1000- A1 GAS FILTER

PRODUCT DATA SHEET: Y1000



Purchasable product configuration

	Model	Product photo	Execution standard	Usage	Quantity
Adaption filter elements and accessories	Y2 Particle filters		EN 143	IN PAIR	2pcs/pack 100packs/carton
	Y Filter retainer		/	IN PAIR Use with Y2 P2 R not alone	2pcs/pack 100packs/carton
Adaption Half mask	308 half mask		EN 140	IN PAIR	1set/box 60boxes/carton
	8200 half mask		EN 140	IN PAIR	1set/box 36boxes/carton

For more combination and customization, please contact us. Looking forward to cooperating with you

Introduce

- ASL Y-type series of filter cartridges adopt a circle design, with a volume rear-mounted, leaving enough space for the front view. The ventilation grid type air passage is adopted inside and the air passage size is set according to the airflow size, thereby further reducing the inhalation resistance, and allowing the gas to be fully adsorbed and filtered.
- Used with Y-type filter cotton for dust protection
- Standardized installation interface, easy to switch products

Description

- Body material: ABS
- Length * Width :105*220mm
- Reference Weight:2/124g
- Installation interface: Standardized Bayonet
- Storage conditions: Storage temperature between-10 ℃ and 30 ℃ , storage humidity <70%;
- Storage life: 3 years
- Implementation standard :EN14387:2004+A1:2008

Technical Date

	Experimental conditions	EN14387:2004	This parameter
Breathing resistance	30L/min,	max 1.0mbar	0.4%~0.55% mbar
	95L/min,	max 4.0mbar	1.6%~1.8% mbar
Gas capacity	Test gas: C6H12, Test gas concentration in air:3.5mg/L, Multiple filters: 15 L/min	min70min	min74min
Mass	The maximum mass of filter(s) designated to be used directly connected to a half mask is 300 g.		max130g

Model	Type	Color	Type of filter	Application	Quantity
Y1000 Gas filter	A1		Organic gases and vapours	Anywhere conventional paints are used Vehicle manufacture. Paint and varnish manu facture Resin manufacture and use	2 pcs/pack 60 packs/box

Select the correct filter element according to the nature of the hazardous environment. See P12 for more detailed application scenarios

Applications, Limitations and Cautions

These filters cannot be used in the following conditions:

- when the type and concentration of contaminant is unknown.
- when the oxygen content is lower than 19.5% in volume (which is often the case in closedenvironments such as wells, tunnels, cisterns, etc).
- when the contaminant is carbon monoxide or an odourless and tasteless gas.
- when certain conditions are dangerous to the worker's health and life.
- For the use in potentially explosive environments respect the standards required by the current safety and on-the-job injuries code.
- The filter must not be modified or altered.
- Leave the work area if the respirator becomes damaged, resulting in diculty breathing and/or faintness.
- Persons whose olfactory sense is altered shall not use filter respirators.
- The use of gasor combined respiratory protective devices during workwith open flamesorliquid.

Reference standard

- CERTIFIED TO:
EN14387:2004+A1:2008

Respiratory protective devices —
Gas filter(s) and combined filter(s) —
Requirements, testing, marking

- THIS GAS FILTER:

ASL Y1000 A1 passed the European EN14387:2004 certification, CE 2834
ASL Latest passed the European certification, continuously updated



HANDY PACK



HANDY PACKS



COMFORT



HYGIENIC



REPLACEABLE FILTERS



PARTICULATE PROTECTION



GAS/VAPOUR PROTECTION



VALUE

DOUBLE FILTERING DEVICE ASL T1000- A1 GAS FILTER

PRODUCT DATA SHEET: T1000



Purchasable product configuration

	Model	Product photo	Execution standard	Usage	Quantity
Adaption filter elements and accessories	T3 Particle filters		EN 143	IN PAIR	2pcs/pack 50packs/carton
	T Filter retainer		/	IN PAIR Use with T3 P3 R not alone	2pcs/pack 100packs/carton
Adaption Half mask	710 half mask		EN 140	IN PAIR	1set/box 20boxes/carton
	720 half mask		EN 140	IN PAIR	1set/box 20boxes/carton
Adaption full face mask	9100 full face mask		EN 136	IN PAIR	1set/box 12boxes/carton

For more combination and customization, please contact us. Looking forward to cooperating with you

Introduce

- ASL T-type series of filter cartridges adopt a trapezoidal design, with a volume rear-mounted, leaving enough space for the front view. The ventilation grid type air passage is adopted inside and the air passage size is set according to the airflow size, thereby further reducing the inhalation resistance, and allowing the gas to be fully adsorbed and filtered.
- Used with T-type filter cotton for dust protection
- Standardized installation interface, easy to switch products

Description

- Body material: ABS
- Length * Width :127*220mm
- Reference Weight:76g:2/158g
- Installation interface: Standardized Bayonet
- Storage conditions: Storage temperature between -10 °C and 30 °C , storage humidity <70%;
- Storage life: 3 years
- Implementation standard :EN14387:2004+A1:2008

Technical Date

	Experimental conditions	EN14387:2004	This parameter
Breathing resistance	30L/mi	max 1.0mbar	0.2~0.35mbar
	95L/mi	max 4.0mbar	0.8~0.95mbar
Gas capacity	Test gas: C6H12, Test gas concentration in air:3.5mg/L Multiple filters: 15 L/min	min70min	min75min
Mass	The maximum mass of filter(s) designated to be used directly connected to a half mask is 300 g.		max180g

Applications, Limitations and Cautions

These filters cannot be used in the following conditions:

- when the type and concentration of contaminant is unknown.
- when the oxygen content is lower than 19.5% in volume (which is often the case in closed environments such as wells, tunnels, cisterns, etc).
- when the contaminant is carbon monoxide or an odourless and tasteless gas.
- when certain conditions are dangerous to the worker's health and life.
- For the use in potentially explosive environments respect the standards required by the current safety and on-the-job injuries code.
- The filter must not be modified or altered.
- Leave the work area if the respirator becomes damaged, resulting in difficulty breathing and/or faintness.
- Persons whose olfactory sense is altered shall not use filter respirators.
- The use of gas combined respiratory protective devices during work with open flames or liquid.

Reference standard

- CERTIFIED TO: EN14387:2004+A1:2008 Respiratory protective devices — Gas filter(s) and combined filter(s) — Requirements, testing, marking

- THIS GAS FILTER: ASL T1000 A1 passed the European EN14387:2004 certification, CE 2834 ASL Latest passed the European certification, continuously updated

Model	Type	Color	Type of filter	Application	Quantity
T1000	A1	Orange	Organic gases and vapours	Anywhere conventional paints are used Vehicle manufacture: Paint and varnish manufacture Resin manufacture and use	2 pcs/pack 60 packs/box
T0100	B1	Grey	Inorganic gases and vapours	As A1 but also: Electrolytic processes Acid cleaning Metal Pickling Metal Etching	
T0010	E1	Yellow	Sulphur dioxide and other acidic gases and vapours	As A1 but also: Electrolytic processes Acid cleaning Metal Pickling Metal Etching	
T0001	K1	Green	Ammonia and organic ammonia derivatives	Manufacture and Maintenance of refrigeration equipment Agrochemicals	
T1111	A1B1E1K1	Orange, Grey, Yellow, Green	All the above	All the above	

Select the correct filter element according to the nature of the hazardous environment. See P12 for more detailed application scenarios



NOTE: Technical Date are extracted from Testing Center, accredited for compliance with ISO/IEC 17025. The results of tests, calibrations and/or measurements included in this document are traceable to Chinese/national standards. CNAS is a signatory to the ILAC mutual recognition arrangement for the mutual recognition of the equivalence of testing, calibration and inspection reports.

Cell Phone: +86 15056932072
Email: asl@asl1985.com
Whatsapp: +86 15056932072
WeChat: 15056932072

DOUBLE FILTERING DEVICE ASL T1111- A1B1E1K1 GAS FILTER

PRODUCT DATA SHEET: T1111



Introduce

- ASL T-type series of filter cartridges adopt a trapezoidal design, with a volume rear-mounted, leaving enough space for the front view. The ventilation grid type air passage is adopted inside and the air passage size is set according to the airflow size, thereby further reducing the inhalation resistance, and allowing the gas to be fully adsorbed and filtered.
- Used with T-type filter cotton for dust protection
- Standardized installation interface, easy to switch products

Description

- Body material: ABS
- Length * Width :127*220mm
- Reference Weight:2/158g
- Installation interface: Standardized Bayonet
- Storage conditions: Storage temperature between-10 ℃ and 30 ℃ , storage humidity <70%;
- Storage life: 3 years
- Implementation standard :EN14387:2004+A1:2008

Technical Date

	Experimental conditions	EN14387:2004	This parameter
Breathing resistance	30L/min,	max 1.0mbar	0.3~0.45mbar
	95L/min,	max 4.0mbar	1.0~1.2mbar
Gas capacity	Multiple filters: 15 L/min Test gas concentration in air:0.1% by volume	Test gas: C ₆ H ₁₂ Min70min	Min75min
		Test gas: HCN Min25min	Min28min
		Test gas: SO ₂ Min20min	Min24min
		Test gas: NH ₃ Min50min	Min53min
Mass	The maximum mass of filter(s) designated to be used directly connected to a half mask is 300 g.		max220g

Model	Type	Color	Type of filter	Application	Quantity
T1000	A1	●	Organic gases and vapours	Anywhere conventional paints are used Vehicle manufacture. Paint and varnish manu facture Resin manufacture and use	2 pcs/pack 60 packs/box
T0100	B1	●	Inorganic gases and vapours	As A1, but also: Electrolytic processes Acid cleaning Metal Pickling Metal Etching	
T0010	E1	●	Sulphur dioxide and other acidic gases and vapours	As A1, but also: Electrolytic processes Acid cleaning Metal Pickling Metal Etching	
T0001	K1	●	Ammonia and organic ammonia derivatives	Manufacture and Maintenance of refrigeration equipment Agrochemicals	
T1111	A1B1E1K1	● ● ● ●	All the above	All the above	

Select the correct filter element according to the nature of the hazardous environment. See P12 for more detailed application scenarios

Purchasable product configuration

	Model	Product photo	Execution standard	Usage	Quantity
Adaption filter elements and accessories	T3 Particle filters		EN 143	IN PAIR	2pcs/pack 50packs/carton
	T Filter retainer		/	IN PAIR Use with T3 P3 R not alone	2pcs/pack 100packs/carton
Adaption Half mask	710 half mask		EN 140	IN PAIR	1set/box 20boxes/carton
	720 half mask		EN 140	IN PAIR	1set/box 20boxes/carton
Adaption full face mask	9100 full face mask		EN 136	IN PAIR	1set/box 12boxes/carton

For more combination and customization, please contact us. Looking forward to cooperating with you

Applications, Limitations and Cautions

These filters cannot be used in the following conditions:

- when the type and concentration of contaminant is unknown.
- when the oxygen content is lower than 19.5% in volume (which is often the case in closed environments such as wells, tunnels, cisterns, etc).
- when the contaminant is carbon monoxide or an odourless and tasteless gas.
- when certain conditions are dangerous to the worker's health and life.
- For the use in potentially explosive environments respect the standards required by the current safety and on-the-job injuries code.
- The filter must not be modified or altered.
- Leave the work area if the respirator becomes damaged, resulting in difficulty breathing and/or faintness.
- Persons whose olfactory sense is altered shall not use filter respirators.
- The use of gas combined respiratory protective devices during work with open flames or liquid.

Reference standard

- CERTIFIED TO: EN14387: 2004+A1:2008 Respiratory protective devices — Gas filter(s) and combined filter(s) — Requirements, testing, marking

- THIS GAS FILTER: ASL T1111 A1B1E1K1 passed the European EN14387:2004 certification, CE 2834 ASL Latest passed the European certification, continuously updated



NOTE: Technical Date are extracted from Testing Center, accredited for compliance with ISO/IEC 17025. The results of tests, calibrations and/or measurements included in this document are traceable to Chinese/national standards. CNAS is a signatory to the ILAC mutual recognition arrangement for the mutual recognition of the equivalence of testing, calibration and inspection reports.

Cell Phone: +86 15056932072
Email: asl@asl1985.com
Whatsapp: +86 15056932072
WeChat: 15056932072

DOUBLE FILTERING DEVICE

ASL T3 P3 R Particle filter

PRODUCT DATA SHEET: T3



Introduce

- T3 P3 R Particle filter need to be used with gas filters and cannot be used alone
- ASL T-series filter cotton obtained CE certification, effective protection of particulate matter, low respiratory resistance, long service life. Can be widely used in welding, brazing, gas cutting, casting, mining and so on. It needs to be used with ASL's T-series gas filter.

Description

- Body material: Melt-blown cloth, electrostatic cotton, non-woven fabric
- Length * Width :127*220mm
- Reference Weight:20/43g
- Storage conditions: Storage temperature between-10 ℃ and 30 ℃, storage humidity <70%;
- Storage life: 3 years
- Implementation standard :EN143:2000+A1:2006

Technical Date

	Experimental conditions	EN143:2000	This parameter
Breathing resistance	30L/mi	max 1.2mbar	0.8~0.9mbar
	95L/mi	max 4.2mbar	1.8~2.0mbar
Filter penetration	Sodium chloride test at 95 l/min	max 0.05	max 0.004
	Paraffin oil test at 95 l/min	max 0.05	max 0.035
Clogging test	Breathing resistance 95 l/min	max 7.0mbar	4.5~4.8mbar
	Filter penetration Sodium chloride test at 95 l/min	max 0.05	max 0.008
	Filter penetration Paraffin oil test at 95 l/min	max 0.05	max 0.036
Mass	The maximum mass of filter(s) designated to be used directly connected to a half mask is 300 g.		max220g

Classification	Efficiency	Example of Contaminants/Uses	Quantity
P1	80% (Particles to 1µm micron = 0.001mm size)	Dust	20pcs/pack 100packs/carton
P2	94% (particles to 0.3µm micron = 0.0003mm size)	Toxic dusts including asbestos, welding fumes	
P3	99.95% (particles to <0.3µm micron = less than 0.0003mm size)	Toxic dusts including asbestos, fumes, full face and powered air performance at P3 only	

Re-usable filter(Mark "R") Particle filter is intended to be used for more than a single shift.

Purchasable product configuration

	Model	Product photo	Execution standard	Usage	Description	Quantity
Adaption filter elements and accessories	T series gasfilter		EN 14387	IN PAIR	Protection against organic gases or vapors	2pcs/pack 60packs/carton
	T Filter retainer		/	IN PAIR	Use with T3 P3 R, not alone	2pcs/pack 100packs/carton

Applications, Limitations and Cautions

- The particle filter don't produce oxygen, use in normal breathing air quality, do not use in hazards of oxygen deficiency or oxygen or oxygen enriched air.
- Don't use in explosive atmosphere.
- Storage under conditions other than those specified by the manufacturer may affect the shelf life.
- Don't modify and abuse of the product.

This particle filter never be used under following conditions:

- Oxygen concentration is lower than 19.5% .
- There is in an oxygen-enriched environment where oxygen concentration >23.5%, it becomes hazardous when the concentration increases.
- The type of poison gas is unknown, the gas filter is only used according to its type and classification on the marking.
- The concentration of harmful gases exceeds 0.1%.

Reference standard

• CERTIFIED TO:
EN143:2000+A1:2006

Respiratory protective devices-
Particle filters-
Requirements, testing, marking

• THIS PARTICLE FILTER:

ASL T3 P3 R passed the European EN143:2000+A1:2006 certification, CE 2834
ASL Latest passed the European certification, continuously updated



DOUBLE FILTERING DEVICE

ASL Y2 P2 R Particle filter

PRODUCT DATA SHEET: Y2



Introduce

- Y2 P2 R Particle filter need to be used with gas filters and cannot be used alone
- ASL Y-series filter cotton obtained CE certification, effective protection of particulate matter, low respiratory resistance, long service life. Can be widely used in welding, brazing, gas cutting, casting, mining and so on. It needs to be used with ASL's Y-series gas filter.

Description

- Body material: Melt-blown cloth, electrostatic cotton, non-woven fabric
- Length * Width :130*170mm
- Reference Weight:20/28g
- Storage conditions: Storage temperature between-10 ℃ and 30 ℃, storage humidity <70%;
- Storage life: 3 years
- Implementation standard :EN143:2000+A1:2006

Technical Date

	Experimental conditions	EN143:2000	This parameter
Breathing resistance	30L/mi	max 0.7mbar	0.3~0.35mbar
	95L/mi	max 2.4mbar	1.8~2.0mbar
Filter penetration	Sodium chloride test at 95 l/min	max 6.0	max 1.21
	Paraffin oil test at 95 l/min	max 6.0	max 2.78
Clogging test	Breathing resistance 95 l/min	max 5.0mbar	2.6~2.8mbar
	Filter penetration Sodium chloride test at 95 l/min	max 6.0	max 1.49
	Filter penetration Paraffin oil test at 95 l/min	max 6.0	max 2.54
Mass	The maximum mass of filter(s) designated to be used directly connected to a half mask is 300 g.		max139g

Classification	Efficiency	Example of Contaminants/Uses	Quantity
P1	80% (Particles to 1µm micron = 0.001mm size)	Dust	
P2	94% (particles to 0.3µm micron = 0.0003mm size)	Toxic dusts including asbestos, welding fumes	20pcs/pack 100packs/carton
P3	99.95% (particles to <0.3µm micron = less than 0.0003mm size)	Toxic dusts including asbestos, fumes, full face and powered air performance at P3 only	

Re-usable filter(Mark "R") Particle filter is intended to be used for more than a single shift.

Purchasable product configuration

	Model	Product photo	Execution standard	Usage	Description	Quantity
Adaption filter elements and accessories	Y1000 particle filter		EN 14387	IN PAIR	Protection against organic gases or vapors	2pcs/pack 60packs/carton
	Y Filter retainer		/	IN PAIR	Use with Y2 P2 R, not alone	2pcs/pack 100packs/carton

Applications, Limitations and Cautions

- The particle filter don't produce oxygen, use in normal breathing air quality, do not use in hazards of oxygen deficiency or oxygen or oxygen enriched air.
 - Don't use in explosive atmosphere.
 - Storage under conditions other than those specified by the manufacturer may affect the shelf life.
 - Don't modify and abuse of the product.
- This particle filter never be used under following conditions:
- Oxygen concentration is lower than 19.5% .
 - There is in an oxygen-enriched environment where oxygen concentration >23.5%, it becomes hazardous when the concentration increases.
 - The type of poison gas is unknown, the gas filter is only used according to its type and classification on the marking.
 - The concentration of harmful gases exceeds 0.1%.

Reference standard

- CERTIFIED TO:
EN143:2000+A1:2006

Respiratory protective devices-
Particle filters-
Requirements, testing, marking

- THIS PARTICLE FILTER :

ASL Y2 P2 R passed the European EN143:2000+A1:2006 certification, CE 2834
ASL Latest passed the European certification, continuously updated



HANDY PACK



HANDY PACKS



COMFORT



HYGIENIC



REPLACEABLE FILTERS



PARTICULATE PROTECTION



GAS/VAPOUR PROTECTION



VALUE

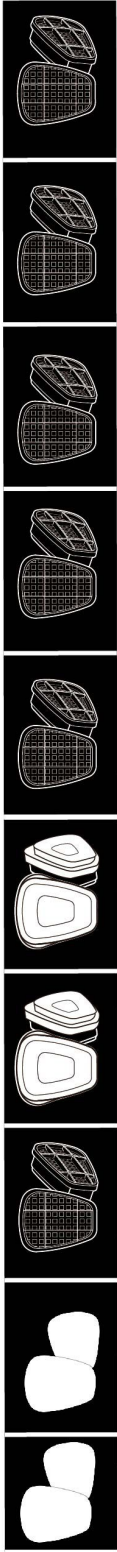
NOTE: Technical Date are extracted from Testing Center, accredited for compliance with ISO/IEC 17025. The results of tests, calibrations and/or measurements included in this document are traceable to Chinese/national standards. CNAS is a signatory to the ILAC mutual recognition arrangement for the mutual recognition of the equivalence of testing, calibration and inspection reports.

Cell Phone: +86 15056932072
Email: asl@asl1985.com
Whatsapp: +86 15056932072
WeChat: 15056932072

Last revision date: August 12, 2021

www.asl-cn.com

GUIDE TO CHOOSING FILTER ELEMENT



INDUSTRY	HARMFUL SUBSTANCE / RISK	P2	P3	A1	A1P3	A1B1E1K1P3	A1B1E1	B1	E1	K1	A1E1
Agriculture	Grain Dust	✓	✓								
	Pesticides				✓	✓				✓	
Construction	Silica Dust	✓	✓								
	Paint Vapour until 1000ppm			✓	✓	✓	✓				
	Asbestos	✓	✓				✓				
	Moulds			✓	✓	✓					
	Concrete Dust	✓	✓								
Building Materials	Stone Dust	✓	✓								
	Aggregate Dust	✓	✓								
	Wood Dust	✓	✓								
	Cement Dust	✓	✓								
	Poultry	✓	✓								
Food	Powders (Dairy)	✓	✓								
	Glass Fibres	✓	✓								
Manufacturing	Cyclohexane			✓	✓	✓	✓				✓
	Composite Fibres	✓	✓				✓			✓	
	Solvents			✓	✓	✓					
	Lead Fumes	✓	✓								
	Chlorine					✓	✓		✓		
	Formaldehyde					✓	✓		✓		
	Sulfuric Acid (gas only)					✓	✓		✓		✓
Sulfuric Acid (powder)					✓	✓					
Mining	Ammonia based chemicals					✓	✓				
	Coal Dust	✓	✓								
	Silica Dust	✓	✓								
Welding and Metal Industry	Metal (any)	✓	✓								
	Painted metal (repair)			✓	✓	✓	✓				

This is only a guideline that will recommend the lowest level of protection suitable, and for only one contaminant at a time. For more detailed information please contact your sales advisor locally.

It is the responsibility of the user to choose the adequate protection for the workplace.



PHONE SCAN

ASL[®] TRUSTED
PARTNER.

Sep 2021
Printed in CHINA
© 2021 ASL Occupational Protection