

安全·源自西斯贝尔



SYSBEL®

SYSBEL IS SAFETY!

SYSBEL Founded in 2003, it is the world's leading provider of environmental safety and employee occupational safety solutions, focusing on the safety management of hazardous chemicals, developing and producing world-leading safe storage, leakage prevention and control and special protection products. Sysbel has more than 16000 users and more than 180 partners around the world. Its sales area covers more than 60 countries and regions such as Japan, South Korea, Southeast Asia, Australia, the Middle East, Europe, North and South America, and its products are widely used in biomedicine, education, scientific research, industrial manufacturing, food, electronics, automotive, environmental protection, public medical and other industries.

2003	2009	2013	2017	2019	2020	2021	2022
Safety cabinet project was established	SYSBEL established	First to get FM Fire Cabinet Certification	"Thirteenth Five-Year" strategy Promote and support businesses	first to get TÜV Fire Cabinet Certification	Group operation three major brands	China's first 2.5-hour refractory cabinet is launched	Specialized and special new enterprise

SYSBEL Qualification:

Shanghai "specialized and special new" enterprise

National High-Tech Enterprise

The first company in China to obtain the German TUV safety cabinet certification

The first company in China to obtain the US FM safety cabinet certification

Canadian CSA safety certification company

UK Sedex 4P certification

The "14th Five-Year" strategy promotes and supports enterprises

Expert of the Hazardous Chemicals Management Working Group of the National Safety and Health Protection Equipment Committee



SYSBEL has established a strict quality management system internally. From research and development to production, the series of products are strictly in accordance with the US Occupational Safety and Health Administration OSHA 29 CFR 1910.106, the National Fire Protection Association NFPA CODE30, the American National Standards Institute ANSI and other relevant regulations and standards. And in 2016 and 2019, it obtained the ISO9001:2015 international quality system certification twice in a row.

SYSBEL has been involved in the formulation, compilation and discussion of national, local and industry standards, and actively promotes the innovation of product technologies such as chemical safe storage and leakage prevention. The company obtained the US FM safety cabinet certification in 2014 and the German TUV safety cabinet certification in 2019; it is one of the most complete certified companies in the domestic safety cabinet field.



SYSBEL Values

Friendly: "In the beginning of human beings, nature is good" to treat others with a kind heart

Enterprising: devotion to work, courage to take on, continuous learning, pursuit of excellence

Cooperation: willing to share, obey the overall situation, open and win-win mentality and grow together with the team



SYSBEL Responsibility and Mission

Only with compassion and kind can we write a poem of great love, and insisting on doing the right thing is social responsibility. For a long time, Sysbel has organized the company's volunteer team to care for orphans and widows in welfare homes, actively donated relief materials to Wangjiaba flood relief and disaster relief to help post-disaster reconstruction, popularized safety and epidemic prevention knowledge and distributed protective materials for workers in the free trade zone. In order to thank Sysbel for providing multiple batches of protective materials to Wuhan during the fight against the COVID-19, the Safety and Health Protection Products Committee of China Textile Business Association awarded Sysbel the honorary title of "War Epidemic Hero".



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SCS



Safety Cabinets

Fires instantly destroy everything you have ruthlessly, causing major casualties, property damage and other consequences. What helps to prevent and control fire hazards?

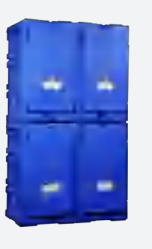
Safe storage is a simple measure for avoiding risks. Chemicals classification and grading management is important.

SYSBEL provides quality Flammable Liquid Safety Cabinets, which will help you to store hazardous chemicals safely and reduce fire risks.



Types of Chemical Safety Cabinets

In storing chemicals, colors and labels are generally used to identify different chemicals, so if fires occur, it is easy for firemen to identify hazardous chemicals.

					
Flammable Cabinets Yellow Safety Cabinet for storing flammable liquids (low and median flash point liquid ¹ ; flash point < 37.8°C)	Combustible Cabinets Red Safety Cabinet for storing paintings, oil and other flammable liquids (high flash point liquid ² ; flash point ≥ 37.8°C)	Corrosive Cabinets Blue Safety Cabinet for storing corrosive liquids ³	Toxic Cabinets White Safety Cabinet for storing toxic chemicals	Pesticides Cabinets Green Safety Cabinet for storing insecticides, pesticides, disinfectors and other chemicals	Polyethylene Corrosive Cabinets Polyethylene Corrosive Cabinet for storing strong polyethylene or corrosive chemicals
					

[1,2,3] Please refer to List of Hazardous Goods (GB 12268-2012) and List of Hazardous Chemicals of SAWS (State Administration of Work Safety)
* OSHA CODE 29 CFR 1910.106 specifies that for Class I and II flammable liquids the cabinet should hold less than 60 Gal.

How to choose safety storage cabinets?

Storage Containers

Choose cabinets according to the types and volumes

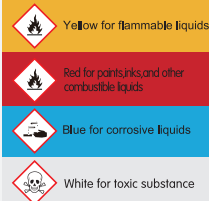
Confirm the containers are as below: safety cans, oily drums of less than 55Gal, small volume of coating containers, 4L bottles, aerosol containers or smaller bottles. All storage containers must be airtight.



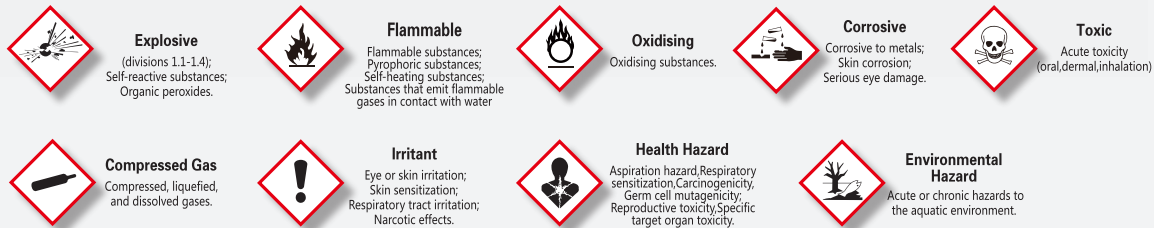
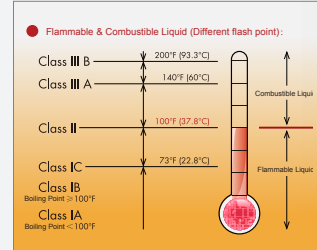
Storage Volume

Confirm the volume of needed safety cabinet

Choose cabinets according to your needed volume. Bigger cabinets offer more storage space. SYSBEL Safety Cabinets have 11 different volumes, namely 4Gal, 12Gal, 22Gal, 30Gal, 45Gal, 54Gal, 55Gal, 60Gal, 90Gal, 110Gal and 120Gal, you can choose the best type based on storage space and volume.



According to U.S. industry usage habits



* GHS by United Nations

Table of Common Hazardous Chemicals Storage Prohibitions and Compatibility

Types of Chemical Hazards and Risks	Explosive	Flammable Gas, Aerosol	Oxidizing Gas	Compressed Gas (Non-Flammable)	Flammable Liquid	Flammable Solid	Self-reactive Substances and Mixtures	Self-igniting Liquid and Solid	Self-heating Substance Mixture	Substances and Mixtures that Emit Flammable Gases Upon Contact with Water	Oxidizing Liquid/Solid		Organic Peroxide	Metal Corrosive Substance Skin Corrosion/Irritation, Category 1 Serious Eye Damage/Eye Irritation, Category 1				Acute Toxic			
											Inorganic	Organic		Inorganic Acidic	Organic Acidic	Inorganic Alkaline	Organic Alkaline	Toxic Inorganic	Toxic Organic	Other Inorganic	Other Organic
explosive	x																				
Flammable gas, gas-soluble glue	x	o																			
Oxidized gas	x	x	o																		
Compressed Gas (Non-flammable, Non-oxidizing)	x	o	o	o																	
Flammable liquids	x	x	x	x	o																
Flammable solid	x	x	x	x	isolate	o															
Reflecting substances and mixtures	x	x	x	x	x	x	o														
Spontaneous combustion liquid, spontaneous combustion solid	x	x	x	x	x	x	x	o													
Self-heating substances and mixtures	x	x	x	x	x	x	x	x	o												
Substances and Mixtures That Emit Flammable Gases When in Contact with Water	x	x	x	x	x	x	x	x	x	o											
Oxidizing Liquid and Solid	Inorganic	x	x	x	distance	x	x	x	x	x	o										
		x	x	x	isolate	x	x	x	x	x	x	o									
Organic peroxy	Inorganic	x	x	x	x	x	x	x	x	x	x	x	o								
		x	x	x	x	x	x	x	x	x	x	x	x	o							
Metal corrosion	Acidic inorganic	x	x	x	x	x	x	x	x	x	x	x	x	o							
		x	x	x	x	isolate	x	x	x	x	x	x	x	x	o						
Skin Corrosion/Irritation, Category 1	Acidic inorganic	x	x	x	distance	isolate	distance	x	x	distance	x	distance	isolate	x	x	x	o				
		x	x	x	distance	isolate	distance	x	x	distance	x	distance	isolate	x	x	x	o				
Serious Eye Damage/Eye Irritation, Category 1	Alkaline organic	x	x	x	x	isolate	isolate	x	x	x	x	x	x	x	x	x	o				
		x	x	x	x	isolate	isolate	x	x	x	x	x	x	x	x	x	o				
Acute toxicity	Toxic Inorganic	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	o		
	Toxic Organic	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	o	o	
	Other Inorganic	x	x	x	distance	isolate	distance	distance	distance	distance	distance	distance	distance	x	x	x	x	x	x	o	o
	Other Organic	x	x	x	x	distance	isolate	x	x	x	x	x	x	x	x	x	x	x	x	o	o

*"O": Whether specific chemicals can be stored together should be determined by referring to their respective Safety Data Sheets (SDS). When storing mixed items, there should be a distance of at least 1 meter between stacks, and packaging containers must remain intact to prevent contact between the two substances.

*"x": Apart from what is stipulated in section 5.9 of this document, storage should be kept separate.

*"distance": There should be a distance of at least 2 meters between stacks.

*"isolate": Prohibited materials should be stored separately.

When hazardous chemicals possess two or more hazards, they should be stored according to the most stringent compatibility requirements.

For health and environmental hazard categories not covered in the table, refer to their respective Chemical Safety Data Sheets for specific storage requirements.

Specific storage requirements for explosives shall be in accordance with GB16265.

Note 1: "O" It is generally indicated that co-storage is acceptable.

Note 2: "x" Indicating mutual incompatibility

Note 3: "distance" Refers to storage segregation based on the hazard classification of chemicals.

Note 4: "isolate" Refers to two substances that do not inherently react with each other but require different firefighting methods.

GB 15603-2022

SYSBEL—EN Safety Storage Cabinets

In the most stringent EN1361-1 fire resistance test, Sysbel's EN fire cabinet, after 90 minutes of exposure to a temperature of 1006°C, recorded significantly lower temperatures at its 15 temperature measurement points, well below the standard requirements, thus meeting all the standards and testing requirements of the EU standard EN14470-1:2004.

TÜV Certification

TÜV is Germany's largest product safety and quality certification organization, and is also recognized by the German government as an accredited inspection agency. With a reputation spanning 145 years in Germany and across Europe, TÜV has been a trusted name in the international community.

As a leading provider of testing technology and certification services worldwide, the TÜV Group has a global service network. Since its establishment in 1872, the TÜV Group has consistently been committed to addressing the challenges arising in the interactions between humanity, the environment, and technology, and providing corresponding solutions.

For decades, TÜV has earned the trust of countless individuals and enjoys a high reputation worldwide. It represents products that have undergone inspection by independent organizations, and their safety and quality are reliable. Products certified by TÜV signify that their performance is dependable, which can reduce the asset risks for customers. Moreover, it indicates that the products used by customers meet the requirements of local standards.



EN Safety Storage Cabinets

- 1.The cabinet is constructed from high-strength steel plates with a corrosion-resistant orange pattern powder coating on the surface. The cabinet's compartments are lined with multiple layers of fire-resistant and insulating materials to achieve fire protection.
 - 2.During normal use, the cabinet doors can be manually opened or closed. The doors are equipped with dampers to adjust the opening and closing force. When the ambient temperature reaches 122°F (50°C), the built-in fuse will disconnect, causing the cabinet doors to automatically close to protect the contents inside.
 - 3.When the ambient temperature reaches 158°F (70°C), the ventilation system's vent dampers will close automatically. The ventilation system can be connected to exhaust ducts or air filters externally.
 - 4.In the event of a fire, special thermally sensitive materials at the door gaps and all connection points will automatically expand to fill the gaps, ensuring that the cabinet remains sealed.
 - 5.Each door is equipped with an independent cylinder lock. Reflective warning labels on the doors comply with ISO 3864 regulations, ensuring high visibility even in low-light conditions and when illuminated with a flashlight.
 - 6.The removable bottom drip tray, used in conjunction with perforated fittings, can collect leaked fluids from inside the cabinet while preventing items on the fittings from soaking in the leaked liquids.
 - 7.The cabinet comes with three adjustable steel shelves, with a load capacity of 75Kg per shelf. The shelves have a 30mm raised edge to prevent small containers from accidentally slipping off.
 - 8.The cabinet's bottom features adjustable leveling feet, ensuring stability even on uneven surfaces.
 - 9.There are electrostatic grounding conduction ports for easy connection to electrostatic grounding wires.
- All fire-resistant cabinets comply with EN, OSHA, and NFPA30 standards. SE860230, SE830450, and SE890450 have undergone independent fire resistance testing and received TÜV certification.
- 10.Optional dedicated padlocks are available for dual-lock management, complying with the regulations of China's "Regulations on the Safety Management of Hazardous Chemicals."
 - 11.Please note that this translation is for reference and may require further refinement depending on the context and target audience.



EN Safety Storage Cabinets

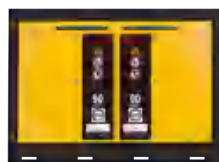
Fire resistance (min)	Door Type	Color	Certifi-cation	Ext dimension (H×W×D/cm)	Packing dimension (H×W×D/cm)	Standard adjustable laminate (block)	Load bearing of laminate (Kg)	Leakage tank capacity at the bottom (L)	Outlet connection diameter (mm)	Store a single largest container(L)	Volume (Gal/L)	Model
30	Double Door/Self-close	Yellow	EN14470-1	204×116×62.5	218×123×74	3	75	37	100	33	45/170	SE830450
60	Single Door/Self-close		EN14470-1	204×60×62.5	218×67×74	3	75	18.5	100	16.5	23/87	SE860230
90			EN14470-1	204×60×62.5	218×67×74	3	75	18.5	100	16.5	23/87	SE890230
90		Yellow	EN14470-1	204×90×62.5	218×97×74	3	75	30	100	27	30/114	SE490300
90	EN14470-1		204×116×62.5	218×123×74	3	75	37	100	33	45/170	SE890450	
90	Double Door/Self-close	Red	EN14470-1	204×116×62.5	218×123×74	5	50	33	100	30	45/170	SE890450R (Drawer-Type Shelves)
90		Blue	EN14470-1	204×116×62.5	218×123×74	4	50	25	100	22	45/170	SE890450B (For Mild Corrosive Chemicals Use)



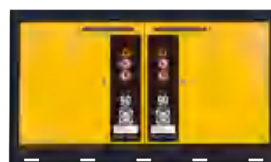
SE490100



SE490120



SE490170



SE490190



WAB005 (optional)

EN Fire-Resistant Safety Storage Undercounter Cabinet

Fire resistance (min)	Door Type	Color	Certifi- cation	Ext dimension (H×W×D/cm)	Packing dimension (H×W×D/cm)	Standard adjustable laminate (block)	Load bearing of laminate (Kg)	Leakage tank capacity at the bottom (L)	Outlet connection diameter (mm)	Store a single largest container(L)	Volume (Gal/L)	Model
90	Single Door/ Self-close	Yellow	EN14470-1	61.5×56×52	75.5×63×63.5	1	75	11	75	9.5	10/38	SE490100
90			EN14470-1	75×60×52	89×67×63.5	1	75	12.5	75	11	12/45	SE490120
90	Double Door/ Self-close		EN14470-1	61.5×86×52	75.5×93×63.5	1	75	19	75	17	17/64	SE490170
90			EN14470-1	63×110×59	77×117×70.5	1	75	32	75	28.5	19/72	SE490190

Wheels

Loading Weight	Compatible Cabinet Model	Model	Functions
600kg	SE490300、SE830450、SE890450	WAB005 (A group)	Facilitates Cabinet Mobility Indoors

*Selection Note: This product series is available in different colors, including yellow, blue, and white. The only difference is the color of the cabinet doors. For the yellow series SKUs, please refer to the chart above. For the blue series, add '-B' after the SKU in the table, and for the white series, add '-W' after the SKU in the table.



SE490550



SE490110



(Optional White Exterior)



SE490450B

EN Fire-Resistant Safety Storage Cabinet (Electric Door)

Fire resistance (min)	Door Type	Certification	Ext dimension (H×W×D/cm)	Packing dimension (H×W×D/cm)	Standard adjustable laminate (block)	Load bearing of laminate (Kg)	Leakage tank capacity at the bottom (L)	Outlet connection diameter (mm)	Store a single largest container(L)	Volume (Gal/L)	Model
90	Single Door/Electric	EN14470-1	197×45×86.3	212×51.6×93	4	100	17	75	15	55/207	SE490550
90	Double Door/Electric		197×81.9×86.3	212×88.5×93	4x2	100	17x2	75	15	110/415	SE490110

*Selection Note: This product series is available in yellow and white colors. For the yellow series, please refer to the chart above. For the white series, please add '-W' to the SKU in the table.

EN Fire-Resistant Battery Charging Cabinet

Fire rating (minutes)	Door Type	Color	Ext Dimension (H×W×D/cm)	Packing Dimension (H×W×D/cm)	Adjustable Shelves (Pcs)	Shelf Loading Weight (Kgs.)	Operating Voltage	Rated Current	Outlet connection diameter (mm)	Standard PUD industrial socket (pcs)	Exhaust Volume (m ³ /h)	Model
90	Double Door/ Self-close	Blue	218×116×62.5	230×123×74	5	50	AC 220V/50HZ	10A	100	5 (40 Plc)	275	SE490450B

* The frame color is (dark gray), and the door panel color is (blue).



SYSBEL® —Flammable Liquid Chemical Safety Cabinets

FM Approvals

SYSBEL gets the Approval certificate of various capacities of steel safety cabinet issued by FM Approvals!

Storage security is of great significance!

One of the Major Causes for fires is improper storage and handling of flammable liquids and chemicals. Fire will instantly destroy everything you have ruthlessly. It will cause huge enterprise property loss and security threats to employees, of course, and also induce expensive social cost, time cost...

SYSBEL® brand steel safety cabinets get Approval certificate by FM Approvals. It represents not only the quality of our tireless pursuit of product safety, but also stands for the FM certified product's quality level "best product certified by the highest standards". We hope **SYSBEL**® brand steel safety cabinets which pass the most rigorous testing, can bring the most reliable protection for your storage and property security.



* www.approvalguide.com
Complete the registration to self-check



FM Approved and CE Approved, Compliant with FM Approval Standard for Flammable Liquid Storage Cabinets (FM Approval Standard 6050), OSHA OSHA 29 CFR 1910.106 and National Fire Protection Association (NFPA) NFPA CODE 30 Specifications, China's State Administration of Work Safety "Regulations on the Safety Management of Hazardous Chemicals" 1, GB 24820-2009 "General Technical Conditions for Laboratory Furniture"



Adjustable shelves: adjustable among every 7.6cm floor which can make full use of space



Fireproofing ventilation hole: at both sides of the cabinet, one on the top and the other on the bottom



SYSTEX Three-point linkage lock: make lock safer; Flush paddle handle offers easy operation and save space



MSDS management: Standard MSDS file box, the implementation of chemical file management



The three-point bullets: anti-static design structure



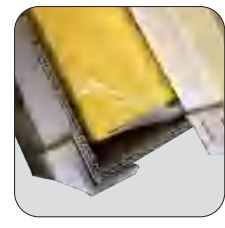
Anti-Static Device: conductor grip combine the equipment with the cabinet to conduct the static to earth, thus to prevent fire accident



Self closing device (self-closing door product): comes with self closing system, it can automatically close the metal door under the fuse



Reflective label: In the case of smoke and fire blackouts, the location of the cabinet can be quickly locked by lighting



Thickening packing: The corner support is strengthened and packed in thick box to facilitate transportation and ensure the safety of product transportation

[1] Please refer to List of Hazardous Goods (GB 12268) and List of Hazardous Chemicals of SAWS (State Administration of work safety)

** Please refer to P49 for types of Safety Cabinets

Flammable Cabinets

SYSBEL Flammable Cabinets for storing flammable liquids (low and median flash point liquid, flash point <37.8°C), Reduce the risk of fire, to ensure the safety of life and property.



Flammable Cabinets

Volume (Gal/L)	Certification	Door type	Ext dimension (H×W×D/cm)	Packing dimension (H×W×D/cm)	Adjustable Shelves (Pcs)	Shelf Loading Weight (Kgs.)	Model (Manual)	Model (Self-close)	Adjustable Shelve	Remark
4/15	CE	Single	56x43x43	59x50x50	1	50	WA810040	WA810041	WAL040	—
15/57	CE	Three	180x47x46	194x54x53	3	50	WA031050	—	—	Color optional (yellow/blue/white)
30/114	CE	Six	180x90x46	194x97x53	6	50	WA032050	—	—	
45/170	CE	Nine	180x133x46	194x140x53	9	50	WA033050	—	—	
10/38	CE	Single	64x59x60	78x66x67	1	50	WA810100	—	WAL010	—
12/45	FM, CE	Single	89x59x46	103x66x53	1	50	WA810120	WA810121	WAL012	—
12/45	FM, CE	Double	46x109x46	64x116x52.5	—	—	WA3810120	—	WAL03045	EX Piggyback
12/45	CE, GA	Single	89x59x46	103x66x53	1	50	WA810122	—	WAL012	GAPassword lock
15/57	FM, CE	Single	112x59x46	126x66x53	1	50	WA810150	—	WAL012	—
17/64	FM, CE	Double	61x109x46	75x116x52.5	1	100	WA810170	—	WAL03045	Wall Mounted
17/64	FM, CE	Double	61x109x46	75x116x52.5	1	100	WA3810170	—	WAL03045	EX Piggyback
22/83	FM, CE	Single	165x60x46	179x67x53	3	50	WA810220	WA810221	WAL022	—
30/114	FM, CE	Double	112x109x46	126x116x53	1	100	WA810300	WA810301	WAL03045	—
30/114	CE	Double	112x109x55	126x116x62	1	100	WA810300C	—	—	Corner
45/170	FM, CE	Double	165x109x46	179x116x53	2	100	WA810450	WA810451	WAL03045	—
45/170	CE, GA	Double	165x109x46	179x116x53	2	100	WA810452	—	WAL03045	GAPassword lock
53/200	CE	Double	180x109x46	194x116x53	3	100	WA810530	—	WAL03045	—
54/204	FM, CE	Single	165x60x87	179x67x94	3	100	WA810540	WA810541	WAL054	—
60/227	FM, CE	Double	165x86x86	179x93x93	2	100	WA810600	WA810601	WAL060	—
90/340	FM, CE	Double	165x109x86	179x116x93	2	100	WA810860	WA810861	WAL090	—

Flammable Safety Storage Undercounter Cabinet

The structural design of SYSBEL's under-counter flammable material safety storage cabinet meets the requirements of FM6050 standard, OSHA 29 CFR 1910.106 of the US Occupational Safety and Health Administration and the NFPA CODE 30 specification of the National Fire Protection Association of the United States. The cabinet has great fire resistance, which can well isolate and protect the dangerous chemicals in it in the event of a fire, giving the experimenters sufficient evacuation time and rescue time.

1. The rear of the cabinet is equipped with a ventilation device, which is convenient to be placed under the fume hood, and the rear is externally ventilated to effectively reduce the concentration of volatile substances in the cabinet and prevent fires.
2. Three-point interlocking reduces friction or mechanical sparks and reduces static electricity accumulation.
3. Safety padlock configuration, to achieve double lock management, in line with the provisions of China's "Hazardous Chemical Safety Management Regulations".
4. More than 2" (51mm) deep leakage tank prevents leakage of the liquid from overflowing, and meets the leakage specification.
5. The bottom skirting line is designed to facilitate the experimental operation of personnel and conform to human mechanics.
6. The unique anti-overflow laminate prevents accidental leakage of chemicals from overflowing. The laminate can be adjusted according to the modulus of 7.6cm to increase the space utilization rate.
7. Optionally install FM-approved anti-static device to introduce static charge into the ground and reduce the risk of fire caused by static sparks.



WA0810080



WA0810100



WA0810140

Mob.



WA0810180



WA0810190



WA0810230



WA0810080T

Drw.

Flammable Safety Storage Undercounter Cabinet

Style	Volume (Gal/L)	Door type	Ext dimension (H×W×D/cm)	Packing dimension (H×W×D/cm)	Adjustable Shelves(Pcs)	Shelf Loading Weight(Kgs.)	Color	Model	Adapt to fume hood specifications (wide/mm)
mobile	8/30	Single	61.5x56x52	75.5x63x59	1	50	yellow	WA0810080	1200
	10/38	Double	61.5x71x52	75.5x78x59	1			WA0810100	1500
	14/53	Double	61.5x86x52	75.5x93x59	1			WA0810140	1800
stationary	18/68	Double	79x75x56	93x82x63	1			WA0810180	1500
	19/72	Double	91x76x55	105x85x63	1			WA0810190	1500
	23/87	Double	89x89x57	103x96x65	1			WA0810230	1800
drawer type	8/30	Single	61.5x56x52	75.5x63x59	/			WA0810080T	1200

*Cabinet color can be customized

Drum Storage Cabinets

SYSBEL drum storage cabinets meet the specification of OSHA 29CFR 1910.106 and NFPA CODE 30. Form a complete set of slippery course to guide the oil drum bracket cart in and out.



WA811100



WA810550



WA810115

Drum Storage Cabinets

Volume (Gal/L)	Certification	Door type	Ext dimension (H×W×D/cm)	Packing dimension (H×W×D/cm)	Adjustable Shelves(Pcs)	Shelf Loading Weight(Kgs.)	Model	Adjustable Shelf
55/207	CE	Double	165×86×86	179×93×93	1	100	WA810550	-
110/415	CE	Double	165×150×86	179×157×95	1	100	WA811100	-
115/434	CE	Double	165×150×86	179×157×95	2 (Left) 1 (Right)	100	WA810115	WAL115L

Combustible Cabinets

SYSBEL Combustible Cabinets for storing paintings, oil and other flammable liquid with flash point liquid, flash point $\geq 37.8^{\circ}\text{C}$, Suitable for coating, printing, furniture, automobile and other industries.



WA810600R



WA810300R



WA810450R



WA810120R



WA810860R

Combustible Cabinets

Volume (Gal/L)	Certification	Door type	Ext dimension (H×W×D/cm)	Packing dimension (H×W×D/cm)	Adjustable Shelves(Pcs)	Shelf Loading Weight(Kgs.)	Model	Adjustable Shelf
4/15	CE	Single	56×43×43	59×50×50	1	50	WA810040R	WAL040
12/45	FM, CE	Single	89×59×46	103×66×53	1	50	WA810120R	WAL012
30/114	FM, CE	Double	112×109×46	126×116×53	1	100	WA810300R	WAL03045
45/170	FM, CE	Double	165×109×46	179×116×53	2	100	WA810450R	WAL03045
60/227	FM, CE	Double	165×86×86	179×93×93	2	100	WA810600R	WAL060
90/340	FM, CE	Double	165×109×86	179×116×93	2	100	WA810860R	WAL090

Corrosive Cabinets

SYSBEL Corrosive Cabinets for storing corrosive liquids, Apply to the LABS of colleges and universities, research institutes, etc.



Corrosive Cabinets

Volume (Gal/L)	Certification	Door type	Ext dimension (H×W×D/cm)	Packing dimension (H×W×D/cm)	Adjustable Shelves(Pcs)	Shelf Loading Weight(Kgs.)	Model	Adjustable Shelf
4/15	CE	Single	56×43×43	59×50×50	1	50	WA810040B	WAL040
12/45	FM, CE	Single	89×59×46	103×66×53	1	50	WA810120B	WAL012
22/83	FM, CE	Single	165×60×46	179×67×53	3	50	WA810220B	WAL022
30/114	FM, CE	Double	112×109×46	126×116×53	1	100	WA810300B	WAL03045
45/170	FM, CE	Double	165×109×46	179×116×53	2	100	WA810450B	WAL03045
60/227	FM, CE	Double	165×86×86	179×93×93	2	100	WA810600B	WAL060
90/340	FM, CE	Double	165×109×86	179×116×93	2	100	WA810860B	WAL090

Pesticides Cabinets

SYSBEL Safety Cabinets for Pesticides for storing insecticides, pesticides, disinfectors and other chemicals. Suitable for lawn care, golf course, farms, parks, amusement parks and other places.



Pesticides Cabinets

Volume (Gal/L)	Certification	Door type	Ext dimension (H×W×D/cm)	Packing dimension (H×W×D/cm)	Adjustable Shelves(Pcs)	Shelf Loading Weight(Kgs.)	Model	Adjustable Shelf
12/45	FM, CE	Single	89×59×46	103×66×53	1	50	WA810120G	WAL012
45/170	FM, CE	Double	165×109×46	179×116×53	2	100	WA810450G	WAL03045

Toxic Cabinets

SYSBEL Toxic Cabinets for storing toxic chemicals, Widely used in chemical plants, laboratory in colleges and universities, research institutes, etc.



WA810450W



WA810120W



WA810122W



WA810300W



WA810455W

Toxic Cabinets

Volume (Gal/L)	Certification	Door type	Ext dimension (H×W×D/cm)	Packing dimension (H×W×D/cm)	Adjustable Shelves(Pcs)	Shelf Loading Weight(Kgs.)	Model	Adjustable Shelf
12/45	FM, CE	Single	89x59x46	103x66x53	1	50	WA810120W	WAL012
12/45	CE, GA	Single	89x59x46	103x66x53	1	50	WA810122W	WAL012
30/114	FM, CE	Double	112x109x46	126x116x53	1	100	WA810300W	WAL03045
45/170	FM, CE	Double	165x109x46	179x116x53	2	100	WA810450W	WAL03045
45/170	CE, GA	Double	165x109x46	179x116x53	2	100	WA810455W	WAL03045

Fire-Resistant Storage Cabinet for Highly Corrosive Chemicals

A fire-resistant storage cabinet for highly corrosive chemicals, coated with a special Teflon coating on the surface, possesses excellent corrosion resistance, capable of withstanding the corrosion of virtually all strong acids and bases. The product's structural design complies with FM6050 standards, ensuring good fire resistance. The product uses mechanical anti-theft locks in accordance with GA/T 73-2015, featuring dual-lock management for security. It adheres to the regulations of China's 'Regulations on the Safety Management of Hazardous Chemicals' and GA 1511-2018 'Security and Prevention Requirements for Explosive Hazardous Chemicals Storage Sites,' ensuring laboratory and personnel safety to the fullest extent.



WA810125T



WA810455T



Fire-Resistant Storage Cabinet for Highly Corrosive Chemicals

Volume (Gal/L)	Door type	Color	Ext dimension (H×W×D/cm)	Packing dimension (H×W×D/cm)	Lock	Adjustable Shelves(Pcs)	Shelf Loading Weight(Kgs.)	Adjustable Shelf	Model
12/45	Single	Silver gray	89x59x46	103x66x53	Dual GA Mechanical Locks	1	50	WAL012T	WA810125T
45/170	Double	gray	165x109x46	179x116x53		2	100	WAL03045T	WA810455T

Note: Cabinet color is optional in black.

Gas Cylinder Storage Cages

SYSBEL offers a comprehensive range of Gas Cylinder Storage Cages, which are available in horizontal, vertical and horizontal & vertical styles to hold LPGs and gas cylinders. Whether it is for storing LPGs, Gas Cylinders or a mixture, we have a solution for you. These rugged gas cylinder storage cages protect from theft and unauthorized access. They securely and efficiently store cylinders in industrial or commercial outdoor or indoor with highly visible flameable signs. And meet NFPA 58 for LPG storage and OSHA 1910.110 regulations.



Gas Cylinder Storage Cages

Cylinder Type	Certification	Position	Capacities	Racks	Product Size (H*W*D/cm)	Model
LPG	CE	Horizontal	4	1	96x76x76	WA710204
			8	3	180x76x76	WA710208
			16	6	180x152x76	WA710216
Compressed Gas	CE	Vertical	9	-	180x76x76	WA710309
			18	-	180x152x76	WA710318
LPG & Compressed Gas	CE	8 horizontal and 9 vertical cylinder		3	180x152x76	WA710589

Emergency Equipment Cabinets

It is mainly used for the storage of personal protective equipments or emergency equipments, such as helmets, protective glasses, overalls, protective masks, safety shoes, safety locks, first aid kits, so it is also known as PPE cabinet. In addition, emergency equipment cabinet is also widely used to store absorbents, chemical suits, chemical boots, protective glasses, protective goggles and other emergency equipments.

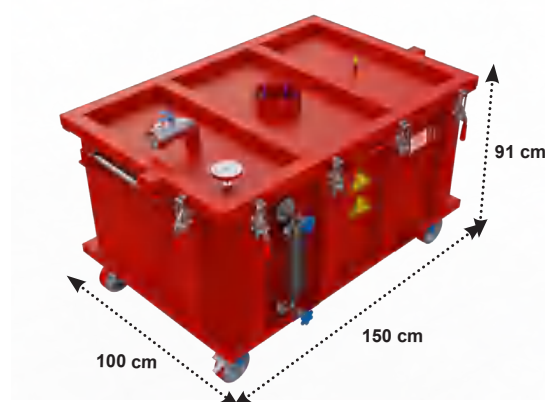


Emergency Equipment Cabinet (PPE Cabinet)

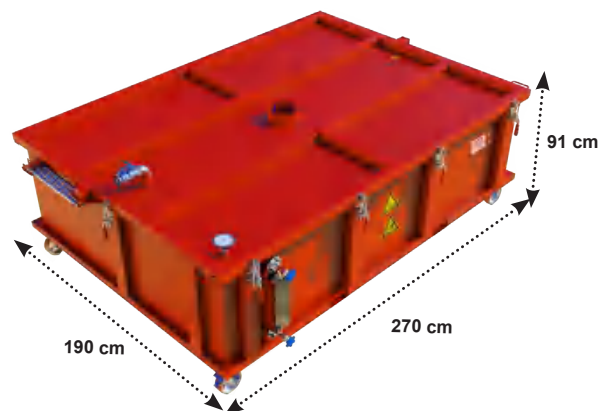
Color	Details	Volume (Gal/L)	Certification	Ext dimension (H*W*D/cm)	Packing dimension (H*W*D/cm)	Adjustable Shelves (Pcs)	Model
Gray	With the Windows	45/170	CE	180X90X45	192X96X52	3	WA920450
Gray	Without Windows	45/170	CE	180X90X45	192X96X52	3	WA930450
Yellow	With the Windows	45/170	CE	180X90X45	192X96X52	3	WA920450Y
Yellow	Without Windows	45/170	CE	180X90X45	192X96X52	3	WA930450Y

Battery Emergency Safety Storage Box

- 1.The whole is composed of a 5mm steel plate shell and an inner lining. There are explosion vents and pressure relief valves on the top, which can effectively isolate the impact of battery explosion on the outside world.
- 2.The interior of the box is lined with fireproof and anti-corrosion materials, and the joints of the door are pasted with high-quality fire-proof expansion materials, which have excellent fire-proof and anti-corrosion properties.
- 3.Gas spring support rods are equipped on both sides of the box to facilitate the opening and closing of the box cover.
- 4.The box cover is equipped with a temperature monitoring device, which can effectively monitor the internal temperature of the box, and the temperature display range: 0-800° C.
5. There is a 2" water inlet component on the top of the box cover, which can be connected to the national standard fire hydrant connector for water injection and cooling of the internal battery. There is a 2" water outlet component at the bottom of the box. When the water level reaches a certain position, you can choose to open the water outlet. The component's ball valve is drained.
- 6.The front side of the box is equipped with a liquid level gauge, which can effectively observe the liquid level in the box. The glass tube is made of high borosilicate material, which has a certain fireproof performance.
- 7.The inside of the box is equipped with a battery holder, which can be adapted to place batteries of different sizes and facilitate the removal of the spreader.
- 8.An explosion vent and a pressure relief safety valve are reserved on the top of the box, which can effectively prevent internal overpressure.
- 9.There are four load-bearing wheels at the bottom of the box, each with a load-bearing capacity of 1000KG, to ensure high load-bearing transfer of the box.
- 10.A forklift position is reserved at the bottom of the box to facilitate forklift transfer.



WA960150R



WA960270R

Technical Parameters		
Model	WA960150R	WA960270R
External Dimensions (W*D*H/mm)	1500*1000*910	2700*1900*910
Internal Dimensions (W*D*H/mm)	1300*800*500	2500*1700*500
Color	Matt Red	Matt Red
Material	Q235B	Q235B
Inner Layer	Fireproof board + PP flame retardant version	Fireproof board + PP flame retardant version
Door Opening Angle	85°~90°	85°~90°
Door Opening Assistance	2 gas springs	6 gas springs
Number of Locks	6	6
Casters	Brake universal + universal	Brake universal + universal
Fill/Drain Connector	DN50	DN50
Number of Ball Valves	2	2
Battery Bracket	Yes	Yes
Cabinet Lock	Yes	Yes
Temperature Display	0-800°C	0-800°C
Liquid Level Display	Yes	Yes
Forklift Slot	Yes	Yes
Safety Lanyard	Yes	Yes

Battery Emergency Safety Storage Box

Certificate	Color	External dimensions (H x W x D/cm)	Package Size (H x W x D/cm)	Applicable Battery Size (H x W x D/cm)	Door Opening Angle	Diameter of External Fire Hydrant	Loading weight (KG)	Model
CE	Red	91x150x100	112x174x121.5	MAX: 40x110x70	85°~90°	DN50	1000	WA960150R
		91x270x190	112x294x211.5	MAX: 40x230x160				WA960270R

* Color, size, fire hydrant interface, etc. can be customized

Waste Liquid Collection Storage Cabinet

1. The cabinet is a double-layer steel structure, which meets the requirements of FM standards, OSHA 29 CFR 1910.106 of the US Occupational Safety and Health Administration and the NFPA CODE 30 specification of the National Fire Protection Association of the United States.
2. The cabinet is equipped with two ventilation devices to effectively reduce the concentration of volatile substances and prevent fires (automatic fire extinguishing devices can also be selected).
3. The surface is treated with epoxy resin powder coating, bright, dust-proof, rust-proof and anti-corrosion.
4. The three-point interlock of the cabinet door reduces friction or mechanical sparks and reduces the accumulation of static electricity.
5. It can be equipped with a safety padlock to realize double-lock management, which is in line with China's "Regulations on the Safety Management of Hazardous Chemicals".
6. The bottom is equipped with a polyethylene laboratory tray, which can effectively prevent liquid leakage and meet the leakage standards.
7. Equipped with Sysbell 20L HDPE waste liquid barrel as standard, which can effectively store and transfer waste liquid.
8. Equipped with a battery level alarm as standard, with its own power supply, when the waste liquid reaches the set value, an audible and visual alarm will be generated.
9. Both sides of the top are equipped with PP cup grooves, which can effectively collect waste liquid and avoid corrosion. The middle is equipped with PE trays for storing small protective products.
10. The bottom is equipped with a brake universal wheel to ensure that the equipment is easy to move, and the right side is equipped with a handle for easy transportation.
11. The chemical compatibility table is posted on the top, referring to this table can effectively avoid the harm caused by the mixing of incompatible chemicals.
12. Optional FM-approved anti-static device.



Waste Liquid Collection Storage Cabinet

Door Type	Color	Ext dimension (H×W×D/cm)	Packing dimension (H×W×D/cm)	Number of barrels	Model
Double	blue	88.8x86x60	105x93x67	2x20L	WA950230B

Outdoor Safety Cabinet



1. With weatherproof structure design, the cabinet can be placed outdoors, providing a convenient and safe storage solution for flammable and combustible substances..
2. The special door lock protective cover can effectively prevent rain and dust from corroding the lock. Coated with outdoor resin powder on the surface of the cabinet, it is also resistant to UV and rain corrosion.
3. The forklift slot on the bottom of the cabinet makes it easy to transport.
4. In order to effectively ensure the stability of the cabinet in bad weather, the cabinet can be fixed on the ground well with four stainless steel expansion bolts at the four corners.
5. Ventilation devices on both sides can effectively reduce the concentration of volatile substances and prevent fire.
6. The double safety padlock managed by double staff is in accord with Regulations on the Safety Administration of Dangerous Chemicals.
7. The 2" (51mm) depth sump can prevent leaked liquid from overflowing, which is in accord with the specifications.
8. Anti-spill shelves can prevent the leakage of chemicals and can be adjusted as needed.
9. In strict accordance with OSHA specifications, the cabinet provides an electrostatic grounding port, which is convenient for connecting the anti-static device.
10. With continuous piano hinges, the door can be opened and closed smoothly.
11. Reflective labels can improve recognizability in low visibility situations, providing additional security.



Outdoor Safety Cabinet

Capacity (gallon/L)	Certification	Colour	Type of doors	Ext dimension (H×W×D/cm)	Packing dimension (H×W×D/cm)	Adjustable shelf (piece)	Loading of the shelf (Kgs.)	Model
45/170	CE	Gray	Double door/ Manual	180×109×57	194×116×63	2	100	WA510024
115/434	CE	Gray		180×150×98.5	194×157×106	2	100	WA510025

*Cabinet color yellow optional

* WA510025 is compatible with WADR001 roller for storing oil and chemical barrels

Polyethylene Corrosive Cabinets

SYSBEL Polyethylene corrosive cabinet, with seamless structure, ensure almost no leakage, and excellent performance of corrosion resistance and secondary leakage prevention and control. Double padlocks help to achieve double-person lock management, which is in line with EPA264.175 of the U.S. EPA, OSHA29CFR1910.1450 of the U.S. OSHA and Chinese Management of Hazardous Chemicals Ordinance (December 1, 2011 edition). On the cabinet doors, there are acidic and corrosive chemical warning labels to give your chemical storage management double guarantee.



Obtained CE certification, in line with the US Environmental Protection Agency (EPA) EPA 264.175, the US Occupational Safety and Health Administration (OSHA) OSHA 29 CFR 1910.1450, and the China National Work Safety Administration "Hazardous Chemical Safety Management Regulations"



ACP80001



ACP80002

Polyethylene Corrosive Cabinets

Volume (Gal/L)	Number of Doors and Style	Ext dimension (H×W×D/cm)	Packing dimension (H×W×D/cm)	Adjustable Shelves (Pcs)	Volume of Bottom Leakage (Gal/L)	Shelf Loading Weight (Kgs.)	Model
4/15	One/Desktop	49×41×36	53×43.5×42	1	1.79/6.8	20	ACP80001
22/83	Two/Undercounter	89×90.5×54.4	91.5×93×66.5	4	3.17/12	20	ACP80002

Remarks: The working area of the workbench at the top of the cabinet: 36.4×27.2 (ACP80001, LxW/cm) 83.3×46.7 (ACP80002, LxW/cm)

Effective use area of laminate: 26.4×35.6 (ACP80001, L1xD1/cm) 37.7×43.6 (ACP80002, L3xD3/cm)

Effective use area of the drain tank: 37×26 (ACP80001, L2xD2/cm) 47.2×43.5 (ACP80002, L4xD4/cm)

Polyethylene Corrosive Cabinets

This product is made of polyethylene material, the cabinet structure is formed once, the corrosion resistance performance and the secondary leakage prevention and control performance is superior, the seamless structure guarantees can be not easy to leak, the cabinet bottom filled with leakage groove design, can ensure that the leakage will not leak to the outside.

Double locker to help achieve double lock management; The inner layer of the cabinet can be cancelled according to the actual use situation to enhance the utilization rate; The door is normally opened to the right (the left door can be customized according to the need), and the cabinet is designed with ventilation holes, and the cover can be opened for ventilation when necessary.

The top can be used as a workbench; There is a certain storage function inside the door plate, can place small reagent bottles or other items.

Storage cabinet with splicing function, can be left and right splicing to a 24 gallon size cabinet, the same, can be up and down splicing to a 24 gallon size cabinet, can also use four cabinets together to make a 48 gallon cabinet, splicing way is flexible, high efficiency, simple operation.

However, it is necessary to pay attention to use connectors for fixing after splicing to prevent the cabinet from dumping.

*Note: that when stitching multiple cabinets, the connecting parts provided in the accessories package must be fixed to prevent the cabinet from dumping and cause the internal chemicals to leak.



ACP820012



Polyethylene Corrosive Cabinets

Volume (Gal/L)	Doors Style	Ext dimension (H×W×D/cm)	Packing dimension (H×W×D/cm)	Adjustable Shelves (Pcs)	Volume of Bottom Leakage (Gal/L)	Model
12/45	One/Undercounter	89×53×55	91×55×57	2	3.5/13	ACP820012

*Friendly reminder: When the chemicals in the strong corrosive chemical storage cabinet leak, the leaked chemical liquid will be concentrated in the leakage tank at the bottom of the cabinet. Please use absorbent cotton and other leakage prevention supplies to remove it in time under the guidance of professionals.

[1] Please refer to the Chinese national standard "List of Dangerous Goods GB 12268-2012" and the State Administration of Work Safety (SAWS) "Catalogue of Hazardous Chemicals"

Corrosive Substance Storage Cabinet

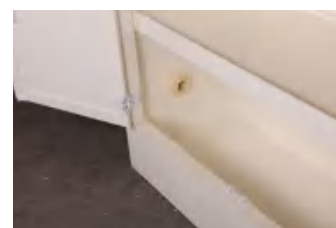
1. Constructed of 8mm polypropylene(PP) panels, offering superior protection against harsh acid, alkali and corrosion.
2. Adjustable and reversible shelves meet diverse choices of users.
3. Formed with bent plates to make it stable and prevent from being out of shape.
4. Poly hinges and embedded door handles means there are no metal parts to corrode.
5. Divided into two parts to store different chemicals, making good use of storage space(48 Gal only).
6. Provided with independent vents which can be connected with exhaust system.
7. Fully welded, liquid-tight 150mm sump contains accidental spills and has certification with EPA regulations.
8. Door hasp accepts padlock to achieve double locks for security against unauthorized use.
9. Equipped with adjustable steel leg levelers on all four corners to keep the cabinet level.



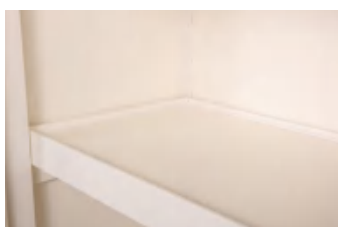
Holds MSDS files or acts as a makeshift workbench (48 gallons only)



All-plastic fittings for improved corrosion resistance



Bottom drain groove, anti-leakage



Laminate for both positive and negative
Choose according to the amount of leakage



Configurable double lock



Can be equipped with stepped laminates

Corrosive Substance Storage Cabinet

Volume (Gal)	Certification	Door type	Material	Color	Ext dimension (H×W×D/cm)	Packing dimension (H×W×D/cm)	Adjustable Shelves	Adjustable Shelves(Pcs)	Model	Adjustable Shelf
4	CE	Singal	8mm PP (Polypropylene)	white	59x46x43	62x48x48	30	1	ACP810004	ACPL004
12	CE	Singal			89x59x46	91.5x61x49	30	1	ACP810012	ACPL012
12	CE	Singal (Double GA lock)			89x59x46	91.5x61x49	30	1	ACP810012GA	ACPL012
22	CE	Singal			165x59x46	179x66x53	30	2	ACP810022	ACPL012
24	CE	Double			89x90.5x58	102x92x57	50	1	ACP810024	ACPL024
25	CE	Four			180x59x46	193x66x53	30	-	ACP810025	-
30	CE	Double			112x109x46	125x116x52.5	50	1	ACP810030	ACPL048
40	CE	Eight			180x90x46	193x97x53	30	-	ACP810040	-
48	CE	Four			180x109x46	193x116x53	50	2	ACP810048	ACPL048
48	CE	Four			180x109x46	193x116x53	50	2	ACP810048T	ACPL048

Oily Waste Cans

In order to prevent fire risks and collect rags and cloth submersed in oil (flammable solvents, linseed oil and other flammable liquids), please use OSHA standard oily waste can. SYSBEL oily waste can has special lid whose opening angle is no more than 60 degree. The self-closing lid design ensures the can tightly closed in the absence of external force, to effectively control the three elements of fires.



Oily Waste Can Dolly

Oily Waste Cans

Capacity (Gal/L)	Ext. Dimensions (HxD/cm)	Packing Dimensions (HxWxD/cm)	Steel Dolly for Oily Waste Cans		Red Model	Yellow Model
			Dolly Model	Ext. Dimension (DxH cm)		
6/22.6	40x30	42x46x38	WAS0014	43x8	WA8109100	WA8109100Y
10/38	46x35	47x52x44			WA8109300	WA8109300Y
14/53	51x41	53x57x49			WA8109500	WA8109500Y
21/80	60x47	62x61x54	WAS0021	49x8	WA8109700	WA8109700Y

* Please refer to P43 for the matching special waste disposal bag

Biohazard Waste Cans

1. Constructed of polyethylene (PE), which are resistant to most chemical compounds.
2. One-piece, blow-molded construction has no seams to develop leaks.
3. Self-closing lid stays closed when not in use.
4. Convex lugs moves easily from workstation to workstation.
5. Foot lever opens lid to 60 degrees(max.) for hands-free access.
6. Labeled for easy identification.
7. Comply with OSHA 29 CFR 1910.125 and UL.
8. Used to store most hazardous solid waste.

9. With or without hazmat bags is permitted.
10. Some of the chemicals that are not compatible with polyethylene are strictly forbidden, please refer to their Material Safety Data Sheet (MSDS).
11. Grasp the lugs with both hands and keep level for carrying.
12. Recommended to choose SYSBEL oily waste can for combustible waste storage.
13. Loading on lid is prohibited.



WA8109200

WA8109600



WA8109200Y

WA8109600Y



Biohazard Waste Cans

Material	Capacity (Gal/L)	Certification	Diameter(cm)	Packing Dimension (HxWxD/cm)	Red Model	Yellow Model
PE	6/22.7	CE	φ30	42x38x38	WA8109200	WA8109200Y
PE	14/53	CE	φ40	50x53x48	WA8109600	WA8109600Y

* Please refer to P43 for the matching special waste disposal bag

Safety Cans

Type-I metal safety cans are storage containers which can be used to fill or dump liquid through the same bottleneck. With unique handle and clamp design, one force can open the can, which is easy to dump and carry. All models of security cans are equipped with a flame-arresting mesh which effectively removes heat and prevents flashback. The safety cans automatically close to prevent overflow and leakage effectively. The automatic pressure relieving system can relieve pressure when the pressure is within 0.2 to 0.35 kg / sq cm (3 to 5 pounds / square inch) to avoid accidental eruptions or explosion hazards.



Comply with OSHA29
CFR910.106&1910.144 of OSHA as well as
NFPA CODE 30 of NFPA



Safety Cans

Capacity (Gal/L)	Certification	Ext. Dimensions (HxD/cm)	Packing Dimensions (HxWxD/cm)	Red Model TYPE I	Yellow Model TYPE I	Red Model TYPE II	Yellow Model TYPE II
2.5/9.5	CE	26x29	29x32x32	SCAN001R	SCAN001Y	SCAN003R	SCAN003Y
5/19	CE	40x29	43x32x32	SCAN002R	SCAN002Y	SCAN004R	SCAN004Y

Plunger Can

Plunger cans can help distribute flammable liquids or solvents safely and are ideal containers for flammable and volatile liquids. Cans are made of High quality stainless steel, suitable for most cleaning chemicals. In the process of use, the liquid can be pumped from the can to the top tray by pressing the tray, which is convenient and quick to soak the wiping towel and improve the wiping efficiency. After removing the remaining liquid in the tray will flow back into the can to avoid waste. The special structure design can effectively control the liquid volatilization in the can into the air, reduce air pollution, maintain the physical and mental health of employees, and prevent the danger of gas explosion poisoning. By using plunger cans can effectively control the use of cleaning liquid, improve work efficiency and safety. At the same time, the pore structure and internal design of the tray can play a role in reducing flame.

Plunger Can

Dimension (diameter x height/cm)	Capacity (L)	Inner Packing Dimension (DxWxH/cm)	Outer Packing Dimension (DxWxH/cm)	Model
φ18*25	2	21x21x24.5	64x48x55 (12/Box)	SCAN030W
φ14*25	1.5	16x16x26.5	72x56x59 (24/Box)	SCAN031W



Cigarette Butts Receptacle

Made of polyethylene with UV inhibitor and flame-retardant. Long poly tube design restricts oxygen and extinguish burning butts rapidly. Umbrella-shaped covered head keeps water out eliminates heat. Stainless steel connectors which tightly connect the receptacle have rust and corrosion resistance. Included steel pail that collects thousands of unsightly butt. Anti-theft design prevents theft or vandalism padlock is not provided.



Cigarette Butts Receptacle

Capacity (Gal/L)	Ext. Dimensions (HxWxD/cm)	Packing Dimensions (HxWxD/cm)	Red Model	Gray Model
2/8	89.5x34.5x34.5	91x35.5x35.5	CBR8101	CBR8102

Fire Blankets

The box-packed fire blanket meets the relevant requirements of the national standard GA1205. It is mainly used for fire protection and fire extinguishing. It is a necessary emergency material for schools, families, hospitals, hotels, enterprises and institutions.

Fire Blankets			
Model	Dimensions (Length×Width/ cm)	Package Size (Length×Width×Thickness/ cm)	Remark
WAFB100	100*100	24*16*3	Fiberglass
WAFB120	120*120	24*16*3	
WAFB150	150*150	32*16*3	
WAFB180	180*180	32*16*3	
WAFBS100	100*100	24*16*3	Silica Gel
WAFBS120	120*120	24*16*3	
WAFBS150	150*150	32*16*3	
WAFBS180	180*180	32*16*3	



VOC Filter Device

1. VOC, which is harmful, will be generated when using safety cabinets. VOC is the abbreviation of volatile organic compound. The VOC filter device can effectively reduce VOC concentration inside the cabinet.
2. The filter device is mainly made of stainless steel 304, which has excellent corrosion resistance.
3. The filter device contains a stainless steel filter cartridge and activated carbon filter media, which can effectively absorb volatile, flammable and explosive VOC in the cabinet.
4. The filter device has four powerful magnets on the base (150 mm x 60 mm), which can flexibly fix the VOC filter device on any position in the cabinet.
5. The activated carbon bag inside the stainless steel filter cartridge can be replaced, which greatly increases the life cycle and the utilization rate of the filter device.
6. The date on the label can remind user to replace the activated carbon bag; the life cycle of the activated carbon bag varies depending on the type and concentration of VOC.



VOC Filter Device

Colour	External dimension (Length X Width X Height/mm)	Package size (Length X Width X Height/mm)	Quantity	Model
Silver white	225x65x70 Diameter 55	255x140x95	2	WAB002

Note: The model of the replaceable activated carbon bag is WAB002-1.

Waste Liquid Collecting Barrel

Waste liquid generated from the process of laboratory experiment or manufacturing process can be harmful to the environment or human body if it is not collected and treated properly. Therefore, the collecting barrels are required to collect the liquid waste for the centralized treatment so as not to do harm to the environment or human body. SYSBE waste barrel can solve the problem of waste liquid collection.

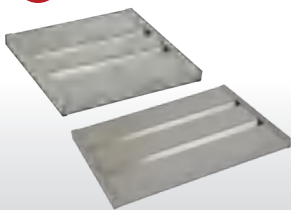


Waste Liquid Collecting Barrel

Product Name	Material	Capacity (L)	External dimension (Height X Width X Length)(cm)	Colour	Model
Waste Liquid Collecting Barrel	HDPE	5L	25.5×16×18	White	WAW005
		10L	30.5×19×21.5		WAW010
		20L	40×26.5×29.5		WAW020
		30L	43×32×29		WAW030

Safety Cabinet Parts

1



Cabinet Shelf WAL Series



2



PP Shelf
ACP Series



3

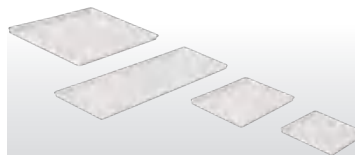


WAT045030

Multipurpose Plastic Tray



4



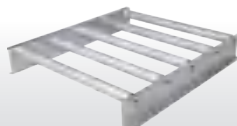
PE Tray



5



Step Laminate



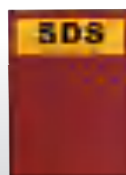
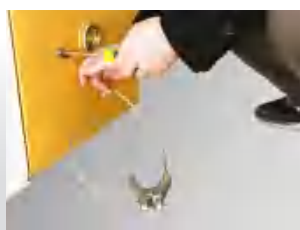
Safety Cabinet Roller
WADR001



Safety Cabinet Ramp
WAR001



Anti-Static Device
WA001/WA002



SDS Document Box
WAB001



SCL001



SCL002



SCL003

Polyethylene locks



Oily Waste Can Dolly
WAS Series



Type	Name of part	For the type of Cabinet	Ext. Dimensions (H×W×D/cm)	Model	Functions
Shelf	1 Galvanized Steel Shelf	4 Gal	2.7x34x33	WAL040	More storage area divisions for diversified needs
		10 Gal	2.7x50x50	WAL010	
		12/15 Gal	2.7x50x36	WAL012	
		19 Gal	2.7x67x45	WAL019	
		22 Gal	2.7x51x36	WAL022	
		23 Gal	2.94x80x47	WAL023	
		30/45 Gal	2.7x100x36	WAL03045	
		54 Gal	2.7x51x77	WAL054	
		60 Gal	2.7x77x76	WAL060	
		90 Gal	2.7x100x76	WAL090	
		110 Gal	2.7x141x36	WAL0110	
		115 Gal	2.7x70x76 (Left)	WAL115L	
			2.7x70x36 (Right)	WAL115R	
	2 PE Shelf	Corrosive Substance Storage Cabinets	3x38.8x30	ACPL001	Different storage area divisions for diversified needs.
			3x48x43	ACPL002	
			6x43.3x35.8	ACPL004	
			6x56.3x38.8	ACPL012	
			6x87.8x47.8	ACPL024	
			6x106.5x38.7	ACPL048	
	Explosion-proof cabinet	30/45Gal	5x98.9x31.5	ACPL030	Add storage partitions to meet personalized storage needs

	Name of part	Color	Leakage volume (Gal/L)	Ext. Dimensions (H×W×D/cm)	Model
3	Multipurpose Plastic Tray	Yellow	1.5/5.6	49x35x5.6	WAT045030
		Blue	1.5/5.6	49x35x5.6	WAT045030B

	product specification	wall thickness	material	color	shape dimension (H×W×D/cm)	model	description
4	4 gallons cabinet PE plastic tray	2.2mm	PE	Milky white	34x33x2.2	WAT004	Place in cabinet to contain weak corrosive chemicals
	12/22 gallons cabinet PE plastic tray	2.2mm	PE	Milky white	50x36x2.2	WAT01222	
	30/45/90gallons cabinet PE plastic tray	2.2mm	PE	Milky white	100x36x2.2	WAT03045	
	60 gallons cabinet PE plastic tray	2.2mm	PE	Milky white	76.4x76x2.2	WAT060	

Standard configuration	For weak corrosive liquid flameproof (blue metallic) cabinet only as standard
Optional configuration	Optional for other cabinets

	Name of part	Ext. Dimensions (H×W×D/cm)	Model	description
5	Step Laminate (excluding stents)	15x55x37	ACPLS012	For 12 gallon/22 gallon PP cabinet ACP810012/ACP0022
		15x87x47	ACPLS024	For 24 Gallon PP Cabinet ACP810024
		15x106x37	ACPLS048	For 30 gallon/48 gallon PP cabinet ACP810030/ACP810048/ACP810048T
		15x77x37	ACPLS080	For purification type medicine cabinet SCP080/SCP160
		15x98x30	ACPLS045	For explosive metal cabinets WA810305B/WA810455B/WA810453B

Type	Name of part	For the type of Cabinet	Ext. Dimensions (H×W×D/cm)	Model	Functions
Cabinet Roller	Oily Drum Safety Cabinets Roller	55/110/115 Gal	11.5x75x68	WADR001	Supporting storage for oily and chemical drums
Cabinet Ramp	Oily Drum Safety Cabinets Ramp	55/110/115 Gal	11.5x68x58	WAR001	Special tread design to increase friction, convenient for oily drum cart loading and unloading operations
Ground Connection	Antistatic Device	Steel Safety Cabinets	Φ2mm, Length 1.5m	WA001	Promptly eliminate electrostatic charges, to prevent static sparks
	Antistatic Device	Steel Safety Cabinets	Φ2mm, Length 2m	WA002	
Document Box	MSDS Document Box	Steel Safety Cabinets	30.8x23x4.5	WAB001	Important documents data storage
Locks	Metal Locks	Metal Safety Cabinets	The lock rod DI 6mm	SCL001	Apply to double lock management
	Polyethylene locks	PP Safety Cabinets, Short	Inner Chain height 38mm	SCL002	
	Polyethylene locks	PP Safety Cabinets, Long	Inner Chain height 76mm	SCL003	
Ventilation Parts	Cabinet Ventilation Parts	Metal Safety Cabinets	"2"external thread, DN50	WA005	For external ventilation
			"1.5"external thread, DN50	WA006	
	PP Cabinet Ventilation Parts	PP Safety Cabinets	1.5x15x15	WA009	top purifier
			5x12x12	WA012	top air duct
Can Dolly	Oily Waste Can Dolly	14G Oily Waste Cans	8x43x43	WAS0014	Supporting and moving Oily Waste Cans easily
	Oily Waste Can Dolly	21G Oily Waste Cans	8x49x49	WAS0021	



Spill Prevention, Containment & Control

Spill and leakage risks are major sources of hidden danger in the workplace. SYSBEL Spill Prevention, Containment & Control series, help you to keep the storage environment of oily and chemical drums clean, to effectively prevent and control possible liquid splashes, spills or pollution of spilled liquids. We also provide more emergency treatment products, to solve problems in a timely manner and cope with accidents with ease.



1. Determination of leakage source and risk judgment

Find the source of leakage and judge the hazard of the material at the leakage site: According to the chemical label and corresponding MSDS of the leakage treatment material, evaluate the risk of leakage hazards (including flammability, explosiveness, reactivity and toxicity, etc.).

2. Deploy Personal Protective Equipment (PPE)

Necessary personal protective equipment (including protective clothing, respirators, gloves, glasses, chemical-resistant boots, etc.) should be worn at the spill disposal site. If the source leakage material cannot be determined, the possibility of the most serious consequences shall be considered, and PPE equipment that can respond to serious hazards shall be equipped to deal with the leakage safely.

3. Stop and control leaks

Control the development of leakage, close or limit the valve, or take appropriate measures to stop leakage. In the event of a container leak, care should be taken to keep the container upright.

4. Spill handling

Evaluate the magnitude of the leakage, and after the scope of the leakage is controlled, use the appropriate SYSBEL leakage emergency kit to deal with it in time. The absorbent pads in the set can deal with a small amount of leakage; the absorbent sock can contain the leakage, and the absorbent sock and absorbent pillow can be used for a large amount of leakage. After absorbing the leaked liquid, the absorbent cotton pollutants or harmful items should be properly transferred to chemical-proof disposal bags or packaged in SYSBEL leak emergency disposal barrels, and transferred to professional waste disposal agencies for disposal according to local regulations.

5. Decontamination

Complete the cleaning of personal protective equipment to prevent secondary pollution, keep the pollutants properly, and hand them over to a professional third-party agency for safe disposal.

6. Spill Disposal Report and Kit Supplement

Complete the leakage incident handling report and report to the superior management department. As soon as possible, make supplementary purchases for the easy-to-wear emergency treatment kits to deal with the next emergency leakage event.

Poly Spill Decks

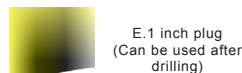
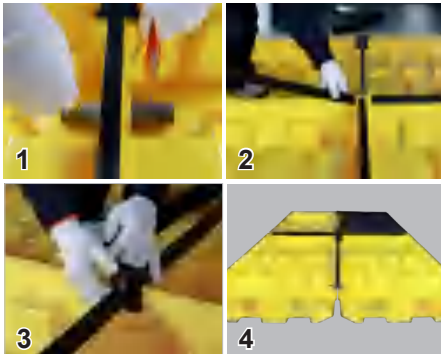
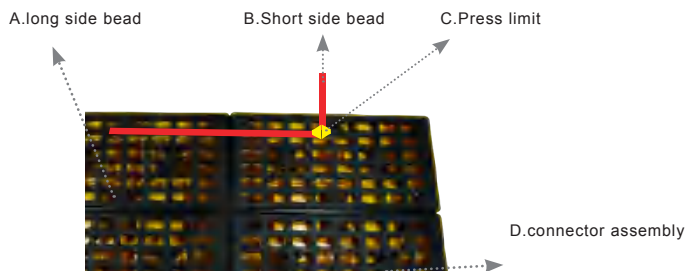
The poly spill deck is lower than the pallet, thus saving the space, improving the safety, efficiency and facilitating handling of oil drums and chemical drums. Generally, the poly spill deck is used for storing oil drums, chemical drums, etc., instead of transferring such containers. When installed in a workshop, the spill deck can be used for various operations (oil extracting, filling and separating, etc.), as a platform. It is also equipped with the same grate and drain holes. Various decks can be assembled to form a stable and reliable workstation.



Poly Spill Decks

Type	200L Drum Quantity	Capacity (Gal/L)	Loading Capacity (Kgs.)	Ext. Dimensions (H×L×W/cm)	Forklift Operation	Model
Single Drum	1	11/42	600	15×68×68	NA	SPP401
4 Drum	4	26/100	2500	16×131×131	Bidirectional operation	SPP103-2

The spliced polyethylene leakage platform is made of high-density polyethylene injection molding, which is sturdy and reliable. It can prevent the leakage of most chemicals, including strong corrosive substances such as acid and alkali. It is suitable for storing oil drums, chemical drums and other containers. , reduce the risk of water and soil contamination caused by leakage.



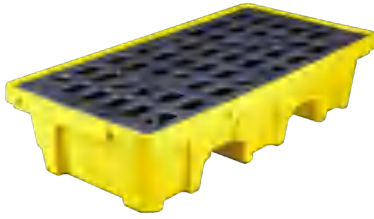
Accessories	No.	Name	Qty	Model
Single row short side splicing accessory bag	B	Short side bead	1	SPP014
	C	Press limit	2	
	D	connector assembly	1	
	E	Connecting hole 1 inch plug	2	
		8# Ziplock bag	2	
Single row long side splicing accessories package	B	long side bead	1	SPP015
	C	Press limit	2	
	D	connector assembly	2	
	E	Connecting hole 1 inch plug	4	
		8# Ziplock bag	2	
Double Row Long Side Expansion Kit	A	long side bead	2	SPP016
	B	Short side bead	1	
	C	Press limit	4	
	D	connector assembly	3	
	E	Connecting hole 1 inch plug	6	
Double Row Short Side Expansion Kit		8# Ziplock bag	4	SPP017
	A	long side bead	1	
	B	Short side bead	2	
	C	Press limit	4	
	D	connector assembly	3	
Multi-row and multi-column expansion kit	E	Connecting hole 1 inch plug	6	SPP018
		8# Ziplock bag	4	
	A	long side bead	1	
	B	Short side bead	1	
	C	Press limit	2	
	D	connector assembly	2	
	E	Connecting hole 1 inch plug	4	
		8# Ziplock bag	2	

Splicing Type Poly Spill Decks

Name	Capacity (Gal/L)	Typ	Material	Color	Load Bearing Capacity (kgs)	Overall Dimensions (LxWxH/cm)	Package Size (LxWxH/cm)	Configuration	Model
Modular PE Spill Decks	23/90	1	PE	Yellow/black	1500	128×64×20	128×64×20	Grating*1 Pallet*1	SPP101-2

Poly Spill Pallets

- The leaking tray has its own leaking tank, which can store, transport, and recycle oil drums and chemical drums. When leakage occurs, the liquid flows into the leaking tank without causing large-scale pollution.
- High-strength, movable and detachable grille is easy to disassemble, clean and replace.
- The drain hole can drain the liquid in the drain tank, which is convenient for most of the liquid to be recycled.
- The stacking limit is set around the pallet, which is convenient for stacking and transporting multiple pallets, saving space and transportation costs.
- Optional special slope, convenient and easy to carry.



SPP102



SPP102H



SPP104-2

* Longitudinal edge set 550mm-650mm forklift slot

Poly Spill Pallets

Type	200L Drum Quantity	Capacity (Gal/L)	LoadingCapacity (Kgs.)	Ext.Dimensions (H×L×W/cm)	Forklift Operation	Model
2 Drum	2	32/120	1500	30×130×66	Bidirectional operation	SPP102
2 Drum	2	58/220	2000	45×131×67	Bidirectional operation	SPP102H
4 Drum	4	70/265	3000	30×132×131	Quadrilateral operation	SPP104-2

IBC Poly Spill Pallet

The IBC leaking tray is made of 100% polyethylene material, and has a seamless structure, which is safe and reliable. It has a large capacity of 298 gallons (1130 liters), and has the characteristics of acid and alkali resistance, corrosion resistance and weather resistance, which can effectively prevent chemical hazards caused by liquid leakage are suitable for the sub-packaging and storage and transportation of medium-sized containers.

- The tray is sturdy and durable, and the reinforced curling design around it has higher strength and can play the role of anti-collision and anti-breakage;
- Anti-skid leakage grille, removable and detachable, easy to clean and transport;
- There are supports in the middle of the tray and the bottom of the grille, which are safer and more reliable to use;
- The design of stacked sleeves reduces storage space and transportation costs;
- There is a forklift slot at the bottom, which can be transported by forklift and hydraulic truck from 4 directions, making the transport easy and fast;
- Comply with EPA 40 CFR264.175 standard and NPDES regulations.



SPP105

IBC Poly Spill Pallet

Number of IBC Drum	Capacity (Gal/L)	LoadingCapacity (Kgs.)	Ext.Dimensions (H×L×W/cm)	Forklift Operation	Standard	Model
1	298/1130	1600	90×135×135	Quadrilateral operation	EPA 40 CFR 264.175	SPP105

Steel Spill Pallets

The steel leakage tray is made of 3mm hot-rolled steel plate, with a stable and durable structure, the main body of the tray is treated with epoxy resin powder coating, the surface is bright, dust-proof, rust-proof and moisture-proof, mainly used for storage, transfer, sub-packaging of oil drums and chemical Product barrel.

- The grille used with it has high strength, wear resistance, anti-aging, and can be dismantled and washed;
- It is suitable for the handling of various forklifts, and there are two-barrel pallets with the cart version, which makes the operation more convenient;
- The design of the larger leak volume follows the leak specification and has passed 100% leak test;
- The cylindrical bracket placed in the center of the pallet disperses the load, and the performance is more stable;
- Standard 3/4"NPT (six points) ball valve fittings are installed in the drain hole to achieve leakage Liquid transfer, easy to operate;
- The plug at the bottom can completely release the leaking liquid and clean the tray.



Steel Spill Pallets

Type	200L Drum Quantity	Capacity (Gal/L)	LoadingCapacity (Kgs.)	Ext.Dimensions (H×L×W/cm)	Forklift Operation	Model
2 Drum	2	48/180	2000	36×125×70	Bidirectional operation	SPM202
3 Drum	3	92/360	2700	33×200.5×82	Bidirectional operation	SPM304
4 Drum	4	92/350	3500	36×136×130	Quadridirectional operation	SPM204
2 Drum movable	2	48/180	1500	102×135×70	NA	SPM222

IBC steel spill pallet

Name	Number of IBC Drum	Capacity (Gal/L)	LoadingCapacity (Kgs.)	Ext.Dimensions (H×L×W/cm)	Forklift Operation	Model
IBC steel spill pallet	1	317/1200	3500	79×136×130	Quadridirectional operation	SPM112

Lab Spill Containment Pallets

The multi-functional laboratory tray is made of polyethylene material with excellent corrosion resistance and is integrally injection-molded. It has passed the 100% leakage test. The tray material is translucent, which is easy to observe the liquid level and leakage status.

- It can be placed on the laboratory table as an operating platform to prevent chemicals from contaminating the laboratory table during operation;
- It can be placed in a standard safety cabinet as a secondary container for corrosive chemicals, and can be placed and transported in batches;
- It can be placed inside the cabinet under the table, which can increase the total amount of leakage and protect the bottom of the test bench;
- The round holes set on the grid plate can temporarily place test tubes, which can be used as test tube racks to prevent damage to glass equipment caused by misoperation;
- Either side can be spliced to form a combined platform, expand the application area and the total amount of leakage, and protect the table;
- After removing the grid plate, the tray can be directly used for batch transfer of test samples.



Lab Spill Containment Pallets

Name	Feature	LoadingCapacity (Kgs.)	Ext.Dimensions (H×W×D/cm)	Packing Size (H×W×D/cm)	Capacity (Gal/L)	Model
Lab Spill Containment Pallets	Leak-proof and corrosion-resistant laboratory Operating platform	15	49×36×10	50×37×11	3.5/13	SPL001

Single Barrel Oil Bucket Pallet

For the playback of standard oil barrels, operators can perform various operations, including extraction, filling, and packing. The pallet has a leakage function. At the same time, a forklift can be used at the bottom. The bottom of the universal wheel is reserved at the bottom to install a universal wheel to facilitate the use in various cases.

Adopt polyethylene material integrated, seamless structure, safe and reliable, with a leakage capacity of 36L, good acidic and alkali, corrosion resistance, and anti -weather erosion characteristics. The risk of water and soil pollution caused.



SPP106



Single Barrel Oil Bucket Pallet

Model	Product Size Diameter*height (CM)	Dear weight (kg)	Placed place
SPP106	80×21	250	For the playback of standard oil barrels, operators can perform various operations, including extraction, filling, and packing. The tray has leakage function

Spill Control Accessories



SPP001



SPP012



SPP013

Spill Control Accessories

Product	Types for pallet	Product Use	Loading Capacity (Kgs.)	Ext.Dimensions (H×L×W/cm)	Model
Poly Spill Pallet Ramp	SPP102 SPP104	The ramp serves for spill pallet makes the handling of bulk items easy.	454	30x120x80	SPP001
Poly Spill Deck Ramp	SPP103-2	It is dedicated to the spill deck. The supporting metal hook firmly connected the ramp with the deck. The ramp serves as an easy access to the transfer of drums and containers.	454	15x120x80	SPP012
Two-drum Poly Spill Deck Cart	SPP101 SPP101-2	It is dedicated to the spill deck. The supporting metal hook firmly connected the ramp with the deck. The ramp serves as an easy access to the transfer of drums and containers.	1500	102x131x63	SPP013

Waterproof Tape

1. Easy to use, fast, very suitable for emergency.
2. Be made of thick waterproof butyl rubber, has strong viscosity and can widely suitable for many kinds of emergent situations .
3. Thick aluminum film makes the product having excellent performance of strength ,fire resistance and wear-resistance.



Waterproof Tape

Unfold Size (Length Width/mm)	Roll-up Size (Diameter Height/mm)	Material	Model
100x5000	115x100	aluminum film + butyl rubber	SPP021

Absorbents

SYSBEL Absorbent(pad, sock and pillow)with melt blown polypropylene (MBPP) features high absorption rate, rapid absorption, good cleaning effect, which don't react with polar, toxic, hazardous chemicals, and is safe to use, causing no harm to personal health. Waste disposal is low in cost, and clean-up of spilled liquid is simple. It is a good helper for your workplace cleaning



OP0001W / OP0002W



CP0001Y / CP0002Y



UP0001G / UP0002G



OP0001WE



OP0003W / OP0004W



UP0003G / UP0004G



CP0003Y / CP0004Y

Absorbent Pad

Type	Product	Size (cm)	Packing H*W*D/cm	Qty Per Carton	Absorbency Per (Gal/L)	Model	Features and Applications
Absorbent Pad (easy to tear, light)	Oil-Only Absorbent Pad	50x40	23x52x42	100 pads	16/60	OP0001W	Easy-tear pressure point cotton pad, the surface is ultrasonic pressure point, stronger
	Hazmat Absorbent Pad					CP0001Y	
	Universal Absorbent Pad					UP0001G	
Anti-static Absorbent Pad	Anti-static Oil-Only Absorbent Pad	50x40	23x52x42	100 pads	16/60	OP0001WE	
Absorbent Pad (Easy tear type, heavy)	Oil-Only Absorbent Pad	50x40	42x52x42	100 pads	32/120	OP0002W	
	Hazmat Absorbent Pad					CP0002Y	
	Universal Absorbent Pad					UP0002G	
Absorbent Pad (extractable, light)	Oil-Only Absorbent Pad	40x33	42x35x30	150 pads	16/60	OP0003W	Eight-layer composite, tear-open carton, easy to extract and use, easy to manage the production line of the workshop, and more tidy
	Hazmat Absorbent Pad					CP0003Y	
	Universal Absorbent Pad					UP0003G	
Absorbent Pad (extractable, heavy)	Oil-Only Absorbent Pad	40x33	42x35x42	100 pads	21/80	OP0004W	
	Hazmat Absorbent Pad					CP0004Y	
	Universal Absorbent Pad					UP0004G	



OM0001W



CM0001Y



UM0001G

Impermeable Adsorbent Pad

Type	Product	Size (cm)	Packing H*W*D/cm	Qty Per Carton	Absorbency Per (Gal/L)	Model	Features and Applications
Impermeable Adsorbent Pad (not sticky)	Oil-Only Impermeable Adsorbent Pad	50x40	30x52x47	100 pads	24/90	OM0001W	After absorbing oil or liquid, oil squeeze or liquid will not penetrate into the ground to avoid secondary pollution. It is suitable for production workshops, chemical plants, laboratories, etc. that need clean ground
	Hazmat Impermeable Adsorbent Pad					CM0001Y	
	Universal Impermeable Adsorbent Pad					UM0001G	



OS0001W



CS0001Y



US0001G



Absorbent Sock

Type	Product	Size (cm)	Packing H*W*D/cm	Qty Per Carton	Absorbency Per (Gal/L)	Model	Features and Applications
Absorbent Sock	Oil-Only Absorbent Sock	7.6x120	30x55x42	12 socks	15/57	OS0001W	It is soft and can be bent arbitrarily and placed in the required place to prevent the spread of chemicals and other harmful liquids. It is suitable for vehicles with harmful liquids, chemical plants, laboratories and other places where the leakage of harmful liquids may be possible.
	Hazmat Absorbent Sock					CS0001Y	
	Universal Absorbent Sock					US0001G	



SOR001 / SOR002



SCR001 / SCR002



SUR001 / SUR002



SUR003



Absorbent Roll

Type	Product	Size (cm)	Packing H*W*D/cm	Qty Per Carton	Absorbency Per (Gal/L)	Model	Features and Applications
Absorbent Roll (easy to tear. light)	Oil-Only Absorbent Roll	40x5000	42x38x38	1 roll	16/60	SOR001	Easy-tear pressure point cotton roll, the surface is ultrasonic pressure point, stronger
	Hazmat Absorbent Roll					SCR001	
	Universal Absorbent Roll					SUR001	
Absorbent Roll (Easy tear type. heavy)	Oil-Only Absorbent Roll	40x5000	42x55x55	1 roll	32/120	SOR002	
	Hazmat Absorbent Roll					SCR002	
	Universal Absorbent Roll					SUR002	
	Universal Absorbent Roll	91x5000	-	1 roll	72/272	SUR003	



SOP001



SCP001



SUP001



Absorbent Pillow

Type	Product	Size (cm)	Packing H*W*D/cm	Qty Per Carton	Absorbency Per (Gal/L)	Model	Features and Applications
Absorbent Pillow	Oil-Only Absorbent Pillow	45x45x5	50x45x45	10 pillows	20/75	SOP001	Small size, large adsorption capacity, suitable for the ground with chemical and oil leakage, under the faucet, valve, mechanical pipeline
	Hazmat Absorbent Pillow					SCP001	
	Universal Absorbent Pillow					SUP001	



OB0001W



CB0001Y



UB0001G



DOP001



DCP001



DUP001

Absorbent Boom & Drum Mat

Type	Product	Size (cm)	Packing H*W*D/cm	Qty Per Carton	Absorbency Per (Gal/L)	Model	Features and Applications
Absorbent Boom	Oil-Only Absorbent Boom	12.7x300	50x55x55	4 socks	24/90	OB0001W	It is soft and can be bent arbitrarily to prevent oil leakage and spread. It has reinforced mesh sleeves and metal hooks, which can be linked to each other. It is suitable for oil tankers, mailboxes, oil pipelines, workshop machines, water surfaces and other places with oil leakage.
	Hazmat Absorbent Boom					CB0001Y	
	Universal Absorbent Boom					UB0001G	
Drum Mat	Oil-Only Drum Mat	55 (DIAM)	14x56x56	25 pieces	7/27	DOP001	Fits the drum perfectly, leaving holes for easy installation and use of drum accessories, suitable for 210L (55gal) drum tops
	Hazmat Drum Mat					DCP001	
	Universal Drum Mat					DUP001	

Heavy Durable Absorbent Mat

High quality

The absorbent mats are made of polyester fiber and with excellent features and unique crafts. The absorbents mats are stickup and firm, level but not curly. It can avoid the hurt of slippery and stumble effectively.

High strength and durable

The absorbent mats are so durable that they can stand heavy tool cars, forklifts driving repeatedly.

Strong absorption capacity

With excellent absorption capacity and speed, the absorbent mats can absorb and lock the oil wastes, coolant and solvent like water quickly.

Leakage-proof

The unique anti-overflow layer can prevent any liquid leakage, lock the liquid and avoid the overflow to cause secondary pollution and keep the ground dry and safe.

Easy to use

The absorbent mat can be cut in any way and easy to change and lift, not easy to leave residual glue. It can fully protect the ground and reduce the cleaning time.



SUR006
Without adhesive



SUR007
back gum

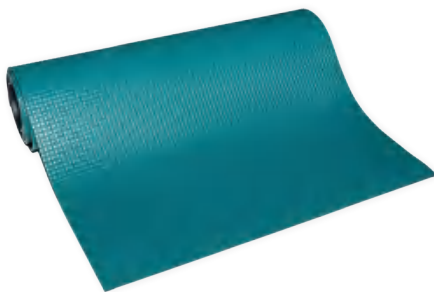


Heavy Durable Absorbent Mat

Type	Color	Absorbency (L/roll)	Product Packaging	External dimension (LxW/cm)	Package dimension (DxH/cm)	Model
Without adhesive	Black	Absorption up to 50L	1 roll / bag	3000 x 90	φ30 x 92	SUR006
back gum	Black	Absorption up to 50L	1 roll/bag	3000 x 90	φ30 x 92	SUR007

Anti-static Mat

Widely used in the electronics industry, chemical and pharmaceutical manufacturing, aerospace, hospitals, laboratories, and clean rooms, among other fields.



* Compatible with cabinet shelf usage

Anti-static Mat

Model	External dimension L*W*T (cm)	Package dimension L* D (cm)	Specs	Specification	Description
TM0018G	50×36×0.2	36×7	2 pieces/roll	12 GAL Cabinet	Work surfaces in the electronics industry, laboratories, clean rooms, and other areas
TM0036G	100×36×0.2	36×7		30/45 GAL Cabinet	
TM0076G	100×76×0.2	76×9		90 GAL Cabinet	
TM0800G	1000×80×0.2	80×17	1 roll	—	
TM1000G	1000×100×0.2	100×17		—	
TM1200G	1000×120×0.2	120×17		—	

Chemical spill emergency treatment



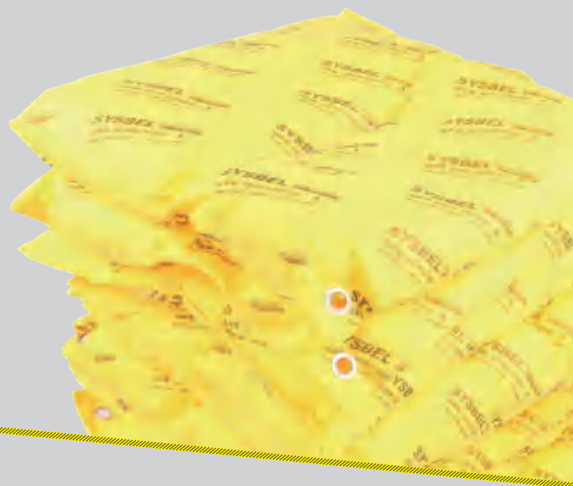
White

- Dedicated to the absorption of oil, instead of water



Yellow

- Especially for absorbing acidic and corrosive liquids, or other unknown hazardous liquids (both oil and liquid)



Gray

- Universal type, absorbing both oil and water



Wipes

SYSBEL Wiping series products are made of plant fibers, polyester, etc., with high absorption rate, fast absorption, non-combustion, high cleaning, etc., do not react with polar, toxic and dangerous chemicals, safe to use, and good for human health. No hazard, low waste disposal cost, easy and labor-saving cleaning of leaked liquids, it is a good helper for your workplace cleaning!



SWF101



CLEANROOM WIPES

Name	Color	Product Packaging	Size (cm)	Type	Inside Box (L×W×H/cm)	Outside Box (L×W×H/cm)	Model	Features and Applications
CLEANROOM WIPES	White	280/Box 60 boxes/Carton	11x20	Removable	12.5x12x7.5	52.5x41x40	SWF101	Precision wiping of laboratory equipment, special parts, precision instruments, etc.: 1. Ultra-low dust; 2. The paper is delicate and will not scratch the surface to be wiped; 3. Prevent static electricity and dust from being generated; 4. Good dry and wet strength, not easy to break; 5. Efficient water absorption, pure texture, 100% virgin wood pulp; 6. Pass the ROHS test.



SWR201Y



SWF201Y



WIPES

Name	Color	Product Packaging	Size (cm)	Type	Outside Box (L×W×H/cm)	Model	Features and Applications
WIPES	Yellow	420 pcs/roll 2 rolls/box	23x40	Roll	62x32x24.5	SWR201Y	Parts and tool cleaning, wiping and maintenance of mechanical equipment, cleaning of laboratory utensils and countertops, etc.: 1. Efficient water and oil absorption capacity, 100% virgin wood pulp; 2. Appropriate wiping strength, not easy to break; 3. It is not easy to leave hair dust after wiping; 4. The surface is embossed to increase the friction of the wiping contact surface; 5. FDA direct contact with food material certification.
	Yellow	60 pcs/pack 20 pack/box	27x30	Flat Sheet	56x31.5x31.5	SWF201Y	



SCR301B



SCB302B



WIPING CLOTH

Name	Color	Product Packaging	Size (cm)	Type	Outside Box (L×W×H/cm)	Model	Features and Applications
WIPING CLOTH	Blue	500 pcs/roll 2 rolls/box	23x34	Roll	52x27x24.5	SCR301B	1. High absorption performance; 2. High dry and wet strength, can be used with solvents to meet daily wiping needs; 3. Very low chip removal and no dust left after wiping; 4. Does not fade; 5. Pass the ROHS test; 6. FDA direct contact with food material certification.
	Blue	200 pcs/box	30x42	Removable	33x24x20	SCB302B	



SCR321W



SCB321W



Almighty Wiping Cloth

Name	Color	Product Packaging	Size (cm)	Type	Outside Box (L×W×H/cm)	Model	Features and Applications
Almighty Wiping Cloth	white	900 pcs/roll 1 roll/box	30x34	Roll	41x41x33	SCR321W	1. High absorption performance; 2. High dry and wet strength, can be used with solvents to meet daily wiping needs; 3. Very low chip removal and no dust left after wiping; 4. Does not fade; 5. Pass the ROHS test; 6. FDA direct contact with food material certification.
	white	200 pcs/box	30x42	Removable	33x24x33	SCB321W	



SCB331B



Strong Oil Absorbing Wiping Cloth

Name	Color	Product Packaging	Size (cm)	Type	Outside Box (L×W×H/cm)	Model	Features and Applications
Strong Oil Absorbing Wiping Cloth	Blue	160 pcs/box	30x42	Removable	33x24x33	SCB331B	Application industry: Coatings, inks, chemical pigment production, screen printing, digital inkjet printing, biopharmaceuticals, petrochemicals, heavy equipment manufacturing, metal processing, etc. High-efficiency adsorption performance, can quickly absorb oil that is several times its own weight and wipe without leaving hair. Dust, reduce the risk of pollution, improve the yield rate, can be used in conjunction with solvents, strong solvent resistance, strong material has strong wet strength, wet wiping is more effective in decomposing oil stains, clean and efficient double row extraction, easy to tear, easy to carry

Material: Polypropylene PP
 Features: **Need not use water, strong decontamination**



SCP101

Material: Polypropylene PP
 Features: **Fast absorption, anti-leakage**



SCC101



Wet Scrubbing Wipers

Color	Size (cm)	Product Packaging	Outside Box (L×W×H/cm)	Model
orange	27x30	100 pcs/barrel 2barrels/box	45x22.5x21	SCP101

Table Protection Pad

Color	Size (cm)	Product Packaging	Outside Box (L×W×H/cm)	Model
Blue	45x60	100 pcs/bag 2bags/box	51x47x7.5	SCC101

Mobile Spill Kit

Mobile spill kits, with a variety of absorbents combination to help you respond quickly to unexpected incidents. Wheelie bin helps you to send SYSBEL professional adsorbent materials to every corner of the factory, to respond to spills accident or sewage treatments in the factory, which is suitable for medium-scale spill.



SKIT002G(Universal)



SKIT002Y(Chemical Only)



SKIT002W(Oil Only)

Mobile Spill Kit

Spill Capacity(Gal/L):45/170

125 pcs 50cm×40cm absorbent pad, 12 pcs 7.6cm×120cm absorbent sock, 5 pcs 45cm×45cm absorbent pillow, 2 bags (60 pcs/bag) Industrial Wipe, 5 pcs hazamat disposal bags, 5 pcs rope, 1 pc safety spectacle, 1 pair of safety gloves, 1 pc user manual

Spill Kits Refill

Rapid response to an emergency can be made by combining various absorbing materials, without purchasing new wheelie bins or salvage drums. The product can be directly used with the existing package to rapidly and efficiently isolate hazardous wastes and contaminants.



SKS001G(Universal)



SKS001Y(Chemical Only)



SKS001W(Oil Only)

Spill Kits Refills

Spill Capacity (Gal/L):10/38

20 pcs 50cm×40cm absorbent pad, 2 pcs 7.6cm×120cm absorbent sock, 2 pcs 45cm×45cm absorbent pillow, 2 pcs big hazamat disposal bags, 2 pcs medium hazamat disposal bags, 4 pcs cable tie, 4 pair of safety gloves, 1 pc user manual

Portable Spill Kit

Carring flexible, suitable for small leaking.



SKIT001G(Universal)



SKIT001Y(Chemical Only)



SKIT001W(Oil Only)

Portable Spill Kit

Spill Capacity (Gal/L):11.5/43.5

1 pc portable bag 25 pcs 50cm×40cm absorbent pad, 6 pcs 7.6cm×120cm absorbent sock, 1 pc hazamat disposal bags, 1 pc cable tie, 1 pc safety spectacle, 1 pair of safety gloves, 1 pc user manual

Portable Spill Emergency Response Absorbent Kit

Suitable for laboratories, workshops, schools, and as accompanying equipment for maintenance personnel and freight vehicles. Designed for small-scale spills or accidents resulting in the overturning or dropping of experimental containers.

Compact and lightweight packaging enables quick retrieval and on-site handling of incidents.



SKIT003G(Universal)



SKIT003Y(Chemical Only)



SKIT003W(Oil Only)

Portable Spill Emergency Response Absorbent Kit

Spill Capacity(Gal/L):2.5/10

10 pcs 50cm×40cm absorbent pads, 2 pcs 7.6cm×120cm absorbent socks, 2 pcs medium-sized hazamat disposal bags, 2 pcs cable tie, 1 pair of safety gloves, 1 pcs anti-optic glasses

Overpack Salvage Drum

This product is applicable to temporary storage and transportation of hazardous wastes (such as flammable, corrosive and toxic substances), and widely applied in secondary packaging, transportation, transfer and spill handling, etc. It is manufactured by one-time rotational molding and can realize 100% spill protection. It also has good toughness. Polyethylene is resistant to UV rays, corrosion and most chemicals. The emergency treatment drum can be nested to reduce the storage space and transportation costs.



SYD950

SYD200

Steel Dolly for Overpack Salvage Drum

The 95Gal overpack salvage drum is slightly heavy in emergency treatment of chemical spill. In order to improve the mobility, the flexible sliding rails can be used. Two universal casters can be fixed at any time to prevent bounce in operation.

Note: It is recommended to apply the rails only to the drum with spill kits.



SYD001

Overpack Salvage Drum

Product	Certifi- cation	Capacity (Gal/L)	Loading Capacity (Kgs.)	Top Diameter(cm)		Bottom Diameter(cm)		Height(cm)		Ext.Dimensions (Height×Diameter/ cm)	Model
				Outer	Inner	Outer	Inner	Outer	Inner		
Overpack Salvage Drum(95Gal)	CE	95/360	292.5	78.5	72.5	64.5	62.5	104	97	104x78.5	SYD950
Overpack Salvage Drum(20Gal)	CE	20/75.7	60	57	51	48	45	60.5	58	60.5x57	SYD200

Steel Dolly for Overpack Salvage Drum

Product	Capacity (Gal/L)	Bottom Diameter(cm)		Height(cm)	Ext.Dimensions (Height×Diameter/cm)	Model
		Outer	Inner	Inner		
Steel Dolly for Overpack Salvage Drum	100	67	66.5	2	8x67	SYD001

Overpack Spill Kit

With a variety of adsorption materials, help you respond quickly to unexpected incidents, and can isolate hazardous waste and contaminants with the spill barrel to prevent secondary leakage hazard, which is suitable for large-scale spill.

SYK200
(Universal)SYK201
(Chemical Only)SYK202
(Oil Only)



SYK950
(Universal)



SYK951
(Chemical Only)



SYK952
(Oil Only)

Overpack Spill Kits

Model	Capacity (Gal/L)	Absorbent Pad	Absorbent Sock	Absorbent Pillow	Hazamat Disposal Bags	cable Tie	Safety Goggles	Safety Gloves	Wipe
SYK200 SYK201 SYK202	20/75	25 pcs	6 pcs	5 pcs	1 pcs Medium	3 pcs	1 pair	1 pc	1 bag
SYK950 SYK951 SYK952	80/302	125 pcs	24 pcs	15 pcs	10 pcs Large	10 pcs	1 pair	1 pc	2 bag

65-Gallon Wheeled Poly-Overpack Salvage Drum & Overpack Spill Kit

SYSBEL 65-Gallon Wheeled Poly-Overpack Salvage Drums are special containers which are suitable for temporary storage and transport of hazardous waste. Widely used in secondary packaging, transportation, emergency spill treatment to eliminate hazardous materials and secondary leakage occurs. Built-in wheels eliminate the need for a separate dolly or other transport; Help to provide you with the most effective and low cost safety solutions.

SYD650



SYK650
(Universal)



SYK651
(Chemical Only)



SYK652
(Oil Only)

65Gal-Drum Overpack Spill Kits

Spill Capacity (Gal/L):60/228

1 pc 65-gallon wheeled poly-overpack salvage Drum 125 pcs 50cm×40cm absorbent pad, 16 pcs 7.6cm×120cm absorbent sock, 10 pcs 45cm×45cm absorbent pillow, 2 bags (60 pcs/bag) Industrial Wipe ,10 pcs hazamat disposal bags, 10 pcs cable tie, 1 pair of Rax-9202 safety goggles, 1 pair of safety gloves, 1 pc user manual

65Gal-Wheeled Poly-Overpack Salvage Drum

Material	Capacity (Gal/L)	Ext. size(H×W×Dcm)	Handle to Floor Distance(cm)	Max.External Diameter(cm)	Opening Diameter	Loading (kgs)	Model
Poplyethylene	65/246	117x71x78.5	96.5	71	62.5	300	SYD650

In production and construction sites, leakage is unavoidable, even if you are careful, there will be unexpected situations. Especially for some substances that are prone to leakage and pollution, we need to take adequate precautions and preparations in advance. If the leakage is not handled in a timely and professional manner, it will not only affect the cleanliness of the working environment, causing safety accidents such as falls and fires, but also pollute the working environment (such as dangerous chemical liquids flowing into the sewers) and seriously endanger people's lives.

Spill Kits in Cart



WA940640



SYK562(Oil Only)



SYK561(Chemical Only)



SYK560(Universal)

Spill Kits Cart

Material	Certification	Door Type	Color	Product Size (H*W*D/cm)	Packing Size (H*W*D/cm)	Model
High-quality galvanized steel	CE	Single	Yellow	113.5 x 65 x 55	129 x 79 x 63	WA940640

Spill Kits in Cart

Spill Capacity (Gal/L): 48~56 / 181~212

1 Trolley Manual of Accidental Release Measures, 100 pcs 50cm×40cm absorbent pad, 4 pcs 45cm×45cm absorbent pillow, 4 pcs 7.6cm×120cm absorbent sock, 5 pcs hazamat disposal bags and ropes, 1 pair of Rax-9202 safety goggles, 1 pair of safety gloves, 1 Absorbent Roll, 1 pc user manual

Polyethylene Spill Kits Cart

SYK320Y
(Universal)SYK321Y
(Chemical Only)SYK322Y
(Oil Only)SYK320G
(Universal)SYK321G
(Chemical Only)SYK322G
(Oil Only)

Polyethylene Spill Kits Cart

Material	Certification	Door Type	Color	Product Size (H*W*D/cm)	Height of handle from ground/cm	Model
Polyethylene Spill Kits Cart	CE	Single	Yellow	100 x 48 x 52	96.5	SYC320Y
Polyethylene Spill Kits Cart	CE	Single	Gray	100 x 48 x 52	96.5	SYC320G

Polyethylene Spill Kits Cart

Spill Capacity (Gal/L): 30/114

1 pc polyethylene cart, 1 roll absorbent roll, 4 pcs 7.6cm×120cm absorbent sock, 4 pcs 45cm×45cm absorbent pillow, 1 bag(60pcs) Industrial Wipe, 5 pcs hazamat disposal bags and cable tie, 1 pair of safety goggles, 1 pair of safety gloves, 1 pc warning sign, 1 pc user manual

Assembled Metal Modular Cabinet

Assembled cabinet unit, saving transportation space and costs, convenient and efficient;
The back of the cabinet is designed with wall mounting holes for wall mounting; it can also be placed in a designated location;
Equipped with a magnetic attachment kit, which can also be customized as per actual requirements.



SYK300
(Universal)



SYK301
(Chemical Only)



SYK302
(Oil Only)



SYC300
(Assembly cabinet)

Assembled Metal Modular Cabinet

Spill Capacity (Gal/L) : 32/120

100pcs 50cmx40cm absorbent pad, 4 pcs 7.6cmx120cm absorbent sock, 4 pcs 45cmx45cm absorbent pillow, 1 bag (60 pcs/bag) Industrial Wipe, 5pcs hazamat disposal bags, 15 pcs cable tie, 1 pair of Rax-9202 safety goggles, 1 pair of safety gloves, 1 pc user manual

* includes wall mounting accessories

PVC Float-Type Spill Containment Boom

High-frequency welding, one-piece molding, good stress resistance, high overall strength; you can choose ASTM quick connectors or webbing & ropes & quick-release connectors; easy connection layout; excellent wave-riding performance, stability, and strong oil retention ability.



PVC Float-Type Spill Containment Boom

Feeboard (mm)	Daft (mm)	Section Length (m)	Working Condition				Model
			Tention Strength(kn)	Wave Height(m)	Wind Speed(m/s)	Flow Rate(kn)	
140	370	20	45	0.3	8	1	FTB001
270	380	20	60	0.5	10	1.5	FTB002
290	380	20	70	0.5	15	1.5	FTB003
310	470	20	100	1	20	2	FTB004
510	740	20	150	2	20	3	FTB005

Polyethylene Disposal Bags

Durable polyethylene material bags are puncture-resistant, tear-resistant, and leak-proof, making them safe for handling hazardous or contaminated waste. They are long-lasting and ideal for use as liners in garbage bins, allowing temporary storage of saturated absorbent cotton and other waste materials. They feature prominent warning labels and are available in various colors.



Polyethylene Disposal Bags

Type	Description	one-sided / Dimensions	Description	Model
Small	55x60	6 mil	WA8109100, WA8109200, WA8109300	SYB060, SYB060R, SYB060B
Medium	70x80	6 mil	WA8109500, WA8109600, WA8109700	SYB200, SYB200R, SYB200B
Large	150x90	8 mil	-	SYB950, SYB950R, SYB950B

* Color can be customized

Universal Absorbent Drip Pan

Universal absorbent drip pan can be placed in most places where there is dripping, to protect the environment clean and safe.



Universal Absorbent Drip Pan

Color	External dimension (LxW/cm)	Package dimension (LxWxH/cm)	Absorbency (Gal/L/Box)	Model
Black	7×30×30	42×62×32	9.6/36	DUP002

Portable Spill Containment Berm

It can be used for storing oil barrels, chemical barrels and other items in the factory, as well as for personnel cleaning and vehicle cleaning pools, etc. Adapt to the leakage prevention work in various environments. Products can be quickly opened and folded, expanded to use after folding. Compact easy to carry.



Portable Spill Containment Berm
(with support)



Portable Spill Containment Berm
(support-free type)

Portable Spill Containment Berm

Type	External dimension (Height X Width X Length)(cm)	Capacity	Material	Colour	Model
with support	180x180x30	190Gal/720L	PVC/Stainless Steel	Yellow	SPPB001
with support	360x360x30	700Gal/2650L	PVC/Stainless Steel	Yellow	SPPB002
upport-free type	100x100x10	20Gal/75L	PVC	Orange	SPPB101
upport-free type	80x120x10	20Gal/75L	PVC	Orange	SPPB102

Pool

The overall structure is smaller at the top and larger at the bottom, which can ensure that the overturning will not occur after water storage. There is a built-in soft tank edge at the top, which can not only ensure a certain strength and support, but also effectively prevent the overflow of water. At the same time, the top cover can be configured to protect the contents of the pool from being polluted. Equipped with open valve couplings.



Pool

Name	External dimension (Height x Diameter of upper mouth x Diameter of lower bottom)(cm)	Packing dimension (Length x Width x Height) (cm)	Capacity	Material	Colour	Model
Pool	80x98x154	30x40x20	1m ³	PVC	Yellow	SPPP001
Pool	90x140x192	50x40x20	2m ³	PVC	Yellow	SPPP002
Pool	116x198x278	50x40x40	3m ³	PVC	Yellow	SPPP003

Roof Leak Diverter

Roof diverter use for roof leakage collection in office, warehouse and other place, Prevent dripping from the surface of equipment, goods or the ground, reduce the loss caused by water leakage, ensure the safety of the environment, goods and personnel safety. The product is a rectangle. There is a hose coupler at the middle bottom, which can be connected with a hose to drain the water to the designated place.

High in the middle and low in the surrounding area to ensure water flow to the concentrated area; The four corners are tied up and equipped with a rope buckle. Four S-shaped curved hooks are used to connect the rope easily and fix it in the designated position of the ceiling.

Portable Spill Cont

External dimension (Height X Width X Length)(cm)	Material	Colour	Model
80x80	PVC	White	SPPD001
120x120	PVC	White	SPPD002





Special Protective Products

There are many dangers in the process of production, scientific research, teaching and other operations, which threaten the personal safety and health of the operators. Health provides better protection.



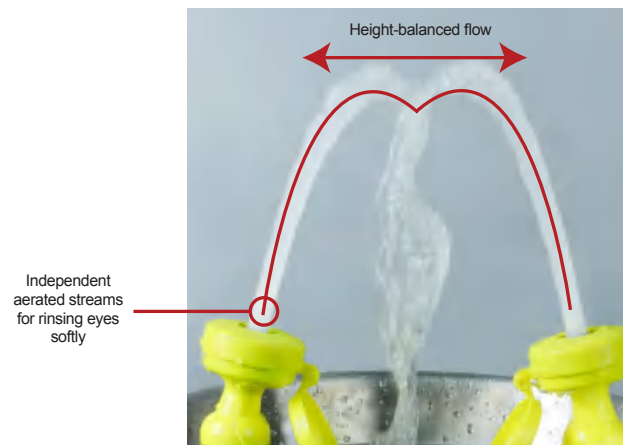
Eye/Face Wash

SYSBEL's new nozzle heads colligate traditional aerators and spray heads with holes. Zero velocity point provides more comfort and control for effective sweeping hazardous contaminants away from the face and eyes using a soft aerated stream for eye wash and independently angled face wash stream for optimum coverage. This series of products fully complies with ANSI Z358.1-2014 and AS 4775-2007, and has been tested and approved by CSA.



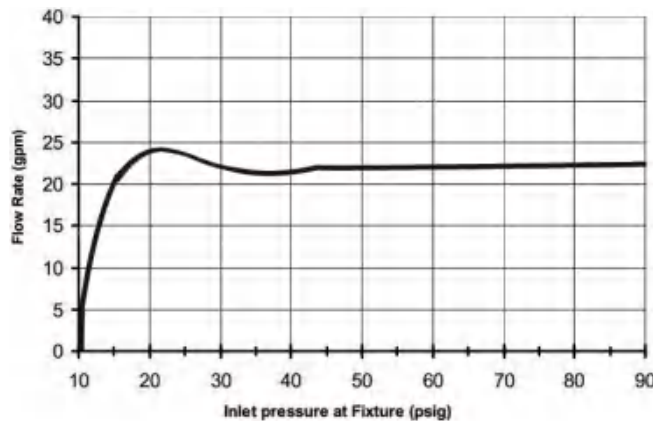
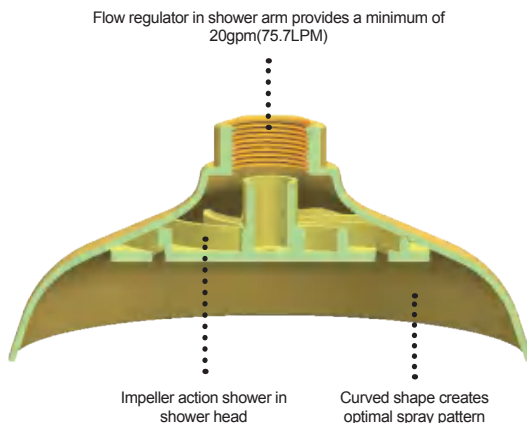
It complies with the regulations in ANSI Z358.1-2014 standard and OSHA 29 CFR 1910.151(C) issued by ANSI has acquired CE Certification

- The unique nozzle design is adopted. The same height can be maintained under certain water pressure, to avoid the operating obstacles caused by water pressure.
- The nozzle can be used for spraying two kinds of water at the same time, with balanced heights. The water flow is steady and uniform due to the built-in flow limiter.
- The aerator with a coin slot is easy to remove and install, and thus simple to clean and maintain.
- The dust-proof cover can protect the nozzle from being contaminated by dust in the air. Once the eyewash is started, the dust-proof cover will be opened automatically under water flow.
- The copper nut is built in the 304SS nozzle base and connected to the horn elbow, and its strength is enough to allow repeated removal and installation and ensure longer service life.
- The nozzle is made of AES engineering plastic which is superior to ABS engineering plastic, and has outstanding features of weather resistance, high rigidity, corrosion resistance, UV resistance, etc.
- The main fittings and other accessories are made of 304 stainless steel and applicable to adverse workplaces.
- The bright yellow plastic is used to facilitate observation and identification.
- The quick connector is equipped with a built-in filter to prevent debris or impurities from flowing into the nozzle, in order to avoid secondary damage to the eyes. In addition, the connector is easy to operate, which is conducive for cleaning and maintenance on a regular basis.
- The eye/face wash series fully comply with ANSI Z358.1-2014 and AS 4775-2007, and has been tested and approved by CSA.



Shower head

SYSBEL's safety showers provide conical water pattern and gently deliver large volumes of water to realize complete decontamination without injury to skin. It ensures the fastest, most effective removal of contaminants in emergency. The shower equipment complies with the standard of ANSI Z358.1-2014 and approved by CSA.



NOTE:

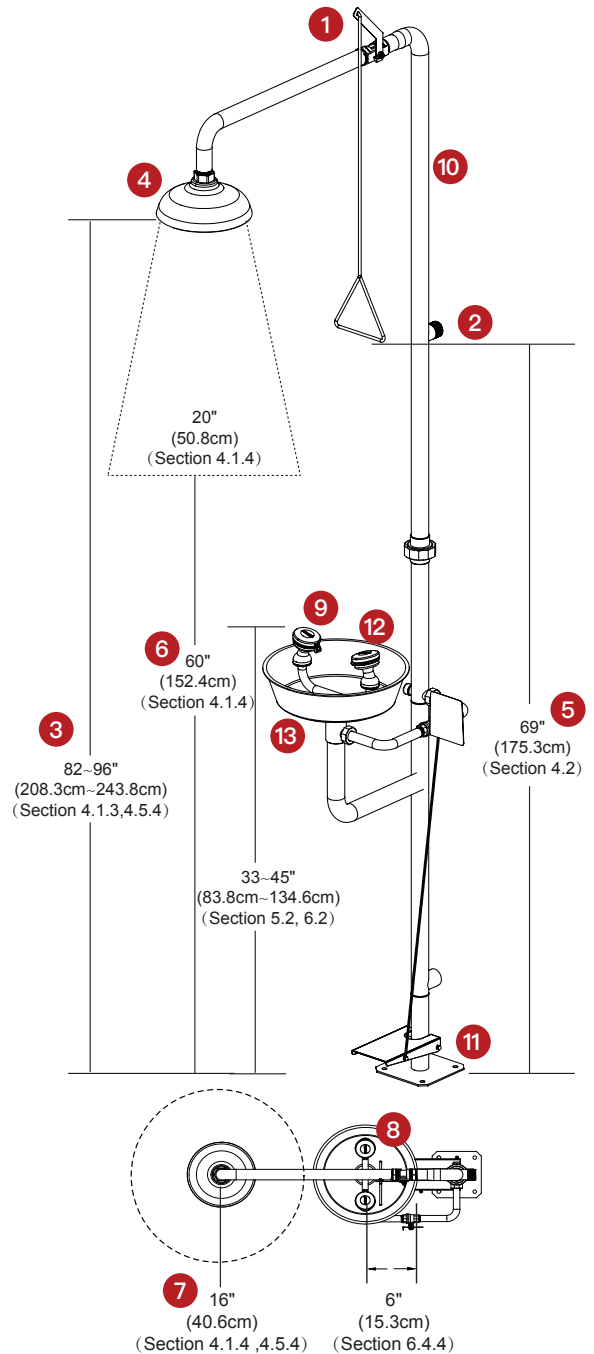
Spinkler head features flow regulator (exceeds minimum water flow of 20 GPM (75.7LPM) at 30 PSI (2.0 bar)) in shower arm pipe, which not only delivering adequate and stable flushing fluid, but conserving water as well as helping users to decontaminate more effectively.



QUICK COMPLIANCE GUIDE

Combination Unit

- 1 Valve mechanism activates in one second or less; it stays open until manually closed. (Section 4.2, 5.2, 6.1.4, 6.2)
- 2 Be connected to a system capable supplying adequate flushing fluid when all components are operated simultaneously. (Section 4.5.5, 7.4.4)
- 3 Height of the flushing fluid column pattern shall be between 82"(208.3cm) and 96"(243.8cm) above floor. (Section 4.1.3, 4.5.4)
- 4 Water supply shall be sufficient to supply at least 20GPM(75.7LPM) for 15 minutes. (section 4.1.2, 4.5.5)
- 5 Valve actuator shall be located not more than 175.3cm(69") above floor. (section 4.2)
- 6 The diameter shall be minimum of 50.8cm(20") at 152.4cm(60") above floor. (section 4.1.4)
- 7 Center of the flushing fluid pattern shall be at least 16"(40.6cm) from any obstruction. (Section 4.1.4, 4.5.4)
- 8 Water flow pattern shall be positioned between 33"(83.8cm) and 53"(134.6cm) from the level on which user stands and 6"(15.3cm) minimum from the wall or nearest obstruction. (Section 5.4.4, 6.4.4)
- 9 Deliver at least 3.0 gallons(11.4liters) of water per minute for 15-minute (Section 6.1.6, 6.4.5)
- 10 Constructed of materials that will not corrode in the presence of the flushing fluid (Section 7.1.1, 7.1.2, 7.1.3)
- 11 Located 10 seconds or 55 feet from contaminants or hazardous materials. Locate on the same level as hazard and free of obstructions. (Section 7.4.2, B5)
- 12 Protect nozzle head from airborne contamination, dust covers shall be removed by water flow immediately (Section 5.1.3, 6.1.3)
- 13 Provided flushing fluid to both eye and face simultaneously at a velocity low enough without injury to skin (Section 5.1.1, 6.1.1)



ANSI verification of compliance

1. Water delivered by combination unit shall be tepid (60-100°F/16-38°C) (Section 4.5.6, 5.4.6, 6.4.6, B6)



2. 15-minute Flush Required combination unit shall provide at least 3.0gpm(11.4lpm) of water for 15 minute (Section 7.4.5, B6)



3. Identification
Be located in an area identified with a highly visible sign, the area around the fixtures shall be well-lit. (Section 7.4.3)



4. Training
Instruct all employees who may be exposed to hazardous materials in the location and proper use of emergency fixtures. (Section 7.5.4)



5. Weekly activations & Annually inspections
Activate combination unit at least weekly and inspect annually for compliance with requirements of ANSI-Z358.1(Appendix B2)a



6. Recommend to connect a flushing fluid supply at a flow pressure of 210kPa(30psi) (Appendix B2)



Combination Unit

- Application: Provide full-body relief from contamination fastly and effectively
- Materials: AES plastic + 304 Stainless Steel
- AES plastic has weather resistance properties and applies to indoors or outdoors
- With good acid-proof, alkali prevention performances, 304SS is ideal for harsh environment
- Pull rod with triangular handle is easy to operate for showers
- The design with equal length of main pipes makes packaging more compact so that helps to save space and cost
- Equipped with flat washer in quick coupling to prevent leakage between joints and fitting
- Flow regulator is built in shower arm tube
- The shower head delivers a large volume flushing fluid spread evenly in a precise pattern and controlled flow rate.
- Activated by push handle or foot pedal easily
- The coin slot hidden faucet aerator is easy to remove and clean
- Dust cover is removed once unit started
- Comply with ANSI Z358.1-2014 and AS 4775-2007



WG7053F



WG7053FY



WG7053FG



WG7053P

Mounting Bracket

- SYSBEL provides mounting brackets for installing shower stanchion firmly.



Combination Unit

Main Material	Flow Rate L/min		Water Bowl		Shower		Valve		Inlet	Outlet	Pressure KPa	Packing size LxWxH (cm)	Certification	Model
	Eye/Face Wash	Shower												
			DxH/cm	Material	DxH/cm	Material								
304 Stainless Steel	11.4	75.7	32×9.5	304SS	25.5×7.5	304SS	1/2"	1"	1"	1"	210	120×40×26.5	ANSI Z358.1 AS 4775 CSA CE GB/T38144.1 GB/T38144.2	WG7053F
			32×9.5	AES plastic	25.5×7.5	AES plastic								WG7053FY
			32×9.5	304SS	25.5×7.5	304SS								WG7053FG
ABS plastic			30.5×8	ABS plastic	25×7.5	ABS plastic			Rc1- 1/4	Rc1- 1/4				63×40.5×26

Composite self-draining emergency eyewash shower

The self-draining eyewash is an eyewash that can automatically empty the water flow inside the eyewash. All the water in the eye washer can be emptied after use to ensure that there is no water in the eye washer and will not cause corrosion or freezing in the low temperature environment to ensure the safety and use of the eye washer.

The main material of the eyewash is made of 304 stainless steel, and the stainless steel has been pickled and passivated, and has stronger corrosion resistance to acid, alkali, salt, and oil chemicals. The eyewash hand push valve adopts a two-piece ball valve, which has a small operating force and is convenient for users to quickly open, which is more suitable for use in emergency situations. Excellent wear resistance and sealing performance, effective service life of more than 300,000 times. It is connected with the assembly by a live joint, which is convenient for maintenance and guarantees the sealing performance.

The master switch is controlled using a pedal. When using, just stand on the pedal, turn on the water inlet switch, turn on the eyewash switch when you need to wash your eyes, and turn on the shower switch when you need to shower. Leave the pedal after use, the water inlet switch is turned off, and at the same time, the system automatically switches to the emptying state, and the system automatically drains the water inside the eyewash pipe within 5 seconds.



WG7054A

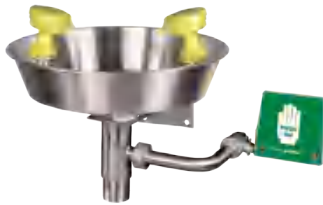
Composite self-draining emergency eyewash shower

Color	Eyewash flow speed (L/min)	Shower flow speed (L/min)	Water inlet	Water outlet	Product Dimensions (LxWxH/cm)	Package dimensions (LxWxH/cm)	Recommended water pressure /kPa	Standards / Certifications	Model
Stainless steel natural color	≥11.4	≥75.7	Rc 1" Height 60mm	Rc 1" Height 40mm	12×36×234	125×52×125	210	ANSI Z358.1-2014	WG7054A

Wall Mounted Eye/Face Wash

- Application: Eye/Face wash for wall mounting. The bowl guides waste water to drain and keeps floor clean
- Materials: AES plastic + 304 Stainless Steel
- AES plastic has weather resistance properties and applies to indoors or outdoors
- With good acid-proof, alkali prevention performances, 304SS is ideal for harsh environment

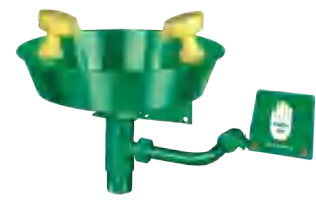
- Activated by push handle easily
- The coin slot hidden faucet aerator is easy to remove and clean
- Dust cover is removed once unit started
- Comply with ANSI Z358.1-2014 and AS 4775-2007



WG7023



WG7023Y



WG7023G

Wall Mounted Eye/Face Wash

Product	Main Material	Water Bowl		Flow Rate (L/min)	Inlet	Outlet	Pressure	Packing size LxWxH(cm)	Certification	Model
		Material	Diameter x Height (cm)							
Wall Mounted Eye/Face Wash	304 Stainless Steel	304 Stainless Steel	32×9.5	11.4	1/2"	1-1/4"	210kPa or 2.1bar or 30psi	37×37×14	ANSI Z358.1 AS 4775 CSA CE	WG7023
		AES plastic								WG7023Y
		304 Stainless Steel								WG7023G

Pedestal Mounted Eye/Face Wash

- Application: Free standing, fixed on the ground when it is not convenient for wall-mounting
- Materials: AES plastic + 304 Stainless Steel
- AES plastic has weather resistance properties and applies to indoors or outdoors
- With good acidproof, alkali prevention performances, 304SS is ideal for harsh environment
- Be activated by push handle or foot pedal easily
- The coin slot hidden faucet aerator is easy to remove and clean
- Dust cover is removed once unit started
- Comply with ANSI Z358.1-2014 and AS 4775-2007



WG7033F



WG7033FY



WG7033FG



WG7033P

Pedestal Mounted Eye/Face Wash

Product	Main Material	Water Bowl		Flow Rate (L/min)	Inlet	Outlet	Pressure	Packing size LxWxH(cm)	Certification	Model
		Material	Diameter x Height (cm)							
Pedestal Mounted Eye/Face Wash	304 Stainless Steel	304 Stainless Steel	32×9.5	11.4	1/2"	1"	210kPa OR 2.1bar OR 30psi	95×35×26.5	ANSI Z358.1 AS 4775 CSA CE	WG7033F
		AES plastic	32×9.5			1"				WG7033FY
		304 Stainless Steel	32×9.5			1"				WG7033FG
	ABS plastic	ABS plastic	30.5×8			1-1/4"		63×40.5×26		WG7033P

Desktop faucet emergency eyewash station

This product comes with a faucet, which can be installed on the interface of a conventional faucet.

When using the eyewash function, just turn on the faucet switch, and clean water is automatically sprayed from the eyewash nozzle. The control valve body has a button for switching between eyewash and handwashing, which can be freely switched between the faucet and the eyewash. The eyewash nozzle has a built-in double-layer filter to filter impurities in the water, and uses the principle of slow pressure to make the water flow into a foamy water column, effectively preventing impurities in the water or secondary damage to the injured eye nerves and injured parts due to excessive water flow. The sprinkler is equipped with a dust cover, which can be automatically opened with the flow of water during use. Note that the dust cover must be reset after use.



WG7013

Desktop faucet emergency eyewash station

Main material	Flow speed (L/min)	Water inlet size	Product Dimensions (LxWxH/cm)	Package dimensions (LxWxH/cm)	Model
Thickened copper electroplating	≥11.4	G1/2 internal thread	15×15×20	24×24×16	WG7013

Drench Hose

Drench hose units, WG7011R & WG7012R are for deck mounting. Ideal for rinsing any part of user's eye, face or body. Under ANSI Z358.1-2014, drench hose units supplement, but do not replace, other types of emergency equipment.

- To meet the standard of Emergency Eyewash and Shower Equipment in ANSI Z358.1-2014 and AS4775-2007;
- Single or double spray head is optional, which has dust cover;
- Forged brass squeeze valve activated by plastic lever handle. Valve has replaceable stainless steel seat for exceptional durability. Valve closes when lever handle is released.
- 1.5m soft PVC tube wrapped by PE film relief from rust and leakage, and internal filter to remove impurities from the water flow.
- Spray heads provide even, continued and comfortable fluid to irrigate the eye;
- Eye wash exceeds minimum water flow of 0.4GPM(1.5LPM) at 210kPa (30psi);
- Deck flange for countertop mounting, flange has a position to fix the unit.



Complies with the ANSI Z358.1-2014 standard promulgated by the American National Standards Institute, and the OSHA 29 CFR 1910.151(C) regulations, and has passed CE certification, complies with the EU EN15154 standard, and meets the Chinese eyewash standard, the national standard GBT 38144.1.2-2019



WG7011R



WG7012R

Drench Hose

Name	Main Material	Color	Flow Speed (L/min)	Inlet & Outlet	Pressure (bar)	Packing size L*W*H/cm	Model
Drench Hose (Single)	Drench Hose (Single)	Red	6	G1/2"	3-6	27.4×19.6×15.6	WG7011R
Drench Hose (Double)	Drench Hose (Double)	Red	10	G1/2"	3-6	27.4×19.6×15.6	WG7012R

Portable Eye Wash Station

- It adopts PE materials, and the production materials comply with the regulations of F.D.A on the grade on PE materials for food (F.D.A. Regulation on Polypropylene: the requirements of U.S.21 CFR F.D.A. Regulation Part 177.1520, portable containers clauses (C) for food contact use), and it is superior in its high intensity, good toughness, good Rigidity, heat and cold resistance
- It complies with human engineering principle in design, and adopts the law of gravity to produce water pressure and deliver water to two nozzles for eye washing
- It applies to work places without water supply and discharge facilities and can be installed and fixed onto walls as required to provide timely and professional protection
- It complies with regulations of ANSI/ISEA on emergency eye wash station and showering equipment-ANSI Z358.1-2014
- It is suggested to discharge the liquid in eye wash station every two or four weeks or as required and clean every component of eye wash station



WG6000B



WG6000A

Portable Eye Wash Station

Type	Main Material	Water Capacity (L/Gal)	Flow Speed (L/min)	Flushing Time(min)	Ext. size HxWxD(mm)	Packing size HxWxD(mm)	Certification	Model
Type A	PE	60/16	2.6	18	735x420x416	750x436x435	ANSI Z358.1 AS 4775 CE	WG6000A
Type B		30/8	2.6	9	625x350x342	635x357x360		WG6000B

Portable Eyewash with Mobile Waste Cart

- Mobile waste cart adds portability and even holds the unit, also, collects waste water
- Perfectly equipped with WG6000A and WG6000B
- After placing on the cart, the spray heads are located between 83.8-134.6cm from the floor, which comply with ANSI Z358.1-2014
- Highly visible yellow, rugged polyethylene construction is well suited to long term use in harsh environments
- Built in handle for easy transport is great for use on remote site
- Petcock on the bottom for easy drainage
- Comes equipped with two rigid casters in front and two swivel casters with "Total Lock" brakes in back
- Includes clearly marked eyewash signs
- Cart has 37.5-gallon (142 liter) capacity and measures 86H x 61.5W x 52D (cm)



WG6000AD



WG6000BD



WG005

Portable Eyewash with Mobile Waste Cart

Main Material	Water Capacity(L/Gal)	Flow Speed(L/min)	Flushing Time(min)	Product Mix	Certification	Model
Polyethylene	60/16	2.6	18	WG6000A+WG005	ANSI Z358.1 AS 4775 CE	WG6000AD
Polyethylene	30/8	2.6	9	WG6000B+WG005		WG6000BD

Mobile Waste Cart

Material	Capacity(Gal/L)	Ext.size(mm)H*W*D	Packing size(mm)H*W*D	Model
Polyethylene	37.5/142	860×615×520	760×629×535	WG005

Portable Sink

- High-quality 304 stainless steel frame; chamfered, polished smooth without edges and corners;
- High-quality 304 faucet and sink, the sink is integrally formed, beautiful and elegant;
- Front door, embedded handle, hidden magnetic attraction;
- The height of the sink and faucet is ergonomically designed, the pedal is built in, and it is easy to use;
- There are clean water buckets and sewage buckets inside, both of which are 20L standard plastic buckets;
- There is no need to connect the water inlet and drain pipes, it can be easily placed or moved, and is suitable for various scenarios.

Eye Wash Sink

- Applicable environment: It can be used for eye and face flushing. It is required that the installation site has floor drain and drainage facilities, and the flushing should be done in time;
- The height of the sink and faucet is ergonomically designed and easy to use;
- The internal connection water pipes are all connected by hoses, and the connection joints with the water inlet pipe and the drain pipe are all standard parts;
- Use water pressure: not less than 210kPa (30psi, 2bar, 2.1Kgf/cm² kgf/cm²);
- Water output: higher than the standard 1.5LPM (0.4GPM) requirement.



WGW0301



WGW0302

Portable Sink

Product Name	Material	Inlet & Outlet	Recommended water pressure / kpa	External dimension L*W*H/cm	Package dimension L*W*H/cm	Model
Portable Sink	304 Stainless Steel	-	-	50x50x80	55x55x95	WGW0301

Eye Wash Sink

Product Name	Material	Inlet & Outlet	Recommended water pressure / kpa	External dimension L*W*H/cm	Package dimension L*W*H/cm	Model
Eye Wash Sink	304 Stainless Steel	G1/2	210	50x50x80	55x55x95	WGW0302

Explosion-proof electric heating emergency eyewash shower

The main material of the eyewash is made of 304 stainless steel, and the stainless steel has undergone pickling passivation treatment, which has stronger corrosion resistance to acid, alkali, salt, and oil chemicals.

The outer wall of the pipeline adopts a thermally conductive aluminum layer to wrap the electric heating cable on the outer wall of the eye washer pipeline, which effectively ensures that the heat of the electric heating cable is evenly conducted to all the pipeline surfaces of the eye washer. The heat loss of the heating cable is minimized, effectively ensuring that the eyewash pipe is in a constant temperature state. The temperature control system adopts a thermal resistance temperature controller, and the factory setting temperature is 35°C (adjustable temperature). When the temperature of the eyewash pipe is higher than 35°C, the electric heating cable will automatically cut off and stop heating. It forms a dual temperature control system with the self-limiting electric heating cable to ensure the safety of the equipment.

Equipped with leakage protection system, power indicator and working indicator at the same time.

The shell is made of new high-quality non-toxic ASA modified plastic, which has been treated with modified acid and alkali resistance and weather resistance, so it does not fade, does not age, has a long service life, and has excellent weather resistance. It will not affect its performance when used in an environment of minus 45 degrees. And it has the characteristics of anti-corrosion of chemical substances such as strong acid, alkali, salt, oil and so on. It is suitable for use outdoors and in some harsh environments.

An 80-mesh SS304 stainless steel filter can be installed at the water inlet to effectively filter impurities in the water, so as to avoid secondary damage to the eye nerves caused by impurities in the water.

Explosion-proof electric heating emergency eyewash shower

Color	Power supply	Explosion-proof class	Protection class	Overall power	Product Dimensions (L×W×H/cm)	Package dimensions (L×W×H/cm)	Water inlet	Water outlet	Model
Yellow	220V AC 1PH 50HZ	Exd IIC T6	IP65	200W	45×90×245	255×85×38	R1-1/4 External Screw pattern		WG7054EX



Cable Heating Emergency Shower

Cable Heating Emergency Shower and Eyewash is the indoor/outdoor anti-freezing equipment with emergency rescue and primary processing. The unit can be used in -50°C. It consists of 304SS main pipe, heating cable, temperature controller, air safety layer, outer insulation layer and 304SS shell. Cable Heating Emergency Shower and Eyewash are manufactured as per standard CE-DIN12899-UN19608. When the chemicals or toxic substances splash to the staff body, face, eye or fire to staff clothing. The unit can quickly bring harm to a minimum. The soft rubber protecting cup can avoid second hurt resulted by colliding eyes when use it urgently. Standards Licensed to the internationally recognised standard ANSI Z358.1-2014 and are compliant with AS4775-2007 for Emergency Eyewash and Shower equipment.

Cable Heating Emergency Shower

Main Material	Color	Flow Speed (L/min)	Inlet	Outlet	Pressure (bar)	Packing size L*W*H/cm	Model
304SS	Red	Eye:10L/min Shower:80L/min	from 1" to 1/2"	1"	3-6bar	230×70×30	WG7054ER

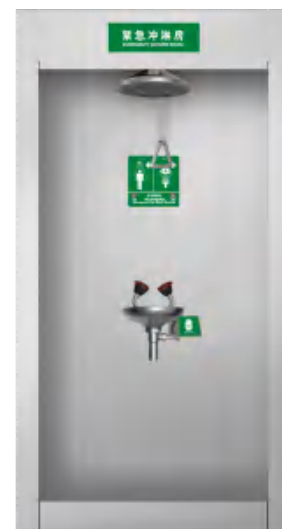


Emergency Shower Room

Emergency Shower Rooms are manufactured as per standard CE-DIN12899-UN19608. When the chemicals or toxic substances splash to the staff body, face, eye or fire to staff clothing. The unit can quickly bring harm to a minimum. The soft rubber protecting cup can avoid second hurt resulted by colliding eyes when use it urgently. Standards Licensed to the internationally recognised standard ANSI Z358.1-2014 and are compliant with AS4775-2007 for Emergency Eyewash and Shower equipment.

Emergency Shower Room

Main Material	Color	Flow Speed (L/min)	Inlet	Pressure (bar)	Packing size L*W*H/cm	Model
304SS	Silver	Eye:10L/min Shower:80L/min	from 1" to 1/2"	3-6bar	240×130×45	WG7054H



Wall Mounted First Aid Kit

- 1)The internal compartment is convenient for user to find drugs.
- 2)It is made of steel, and powder-coat provides excellent chemical resistance.
- 3)There is handle for hand-carry conveniently, also can be fixed on the wall with screws.
- 4) Safety lock catch can make the door close tightly, avoid the dropping of drugs.



WGA0201W



WGA0202W

Wall Mounted First Aid Kit				
Material	Ext dimension (H×W×D/cm)	Packing dimension (H×W×D/cm)	Carrying Method	Model
steel	38×25×12	40×26×13	Wall-Mounted/ Portable	WGA0201W-1
steel	38×25×12	40×26.4×13.5	Wall-Mounted	WGA0202W-1

Safety Spectacles

Used to prevent the impact of high-speed particles. The anti-fog and ultraviolet-proof characteristics help to reduce the risk of fog and to ensure eye safety.



CE certification



WG-7228



WG-7280



WG-7253



WG-7256

Safety Spectacles								
Certi- cation	Color of optic-catio	Optic material- catio	Antifo- gging	Ultraviolet- proo	Heated temperature	leg of glasses	Features	Model
CE	Transparent	PC	✓	✓	~5-55	4-direction flection	4-direction flection Adjustment leg of glasses and bayonet design	WG-7228
			✓	✓	~5-55	Assembled frame, Lateral wing, eyebrow, and guard frame are in the integration	Assembled frame, Lateral wing, eyebrow, and guard frame are in the integration. Optic and frame are designed integrally. It has ventilated lateral wing and no metal accessories. Corrective glasses can be wore inside and it can be used as visiting glasses.	WG-7280
			✓	✓	~5-55	A soft leg of glasses that can rotate up and down.	Soft leg of glasses, 3-direction flection. Adjustment leg of glasses and bayonet design. Unique soft nose beam support.	WG-7253
			✓	✓	~5-55	A soft leg of glasses. 3-directions flection that can rotate leg of glasses.3-directions flection that can rotate leg of glasses.	A soft leg of glasses and unique soft nose beam support.	WG-7256

Safety Goggles

To prevent from the splashing of chemical liquid. The frame adopts indirect vent design to effectively reduce dust entry and ensure eye safety.



WG-9200

Safety Goggles								
Certi- cation	Color of optic- catio	Optic material- catio	Antifo- gging	Ultraviolet- proo	Heated temperature	leg of glasses	Features	Model
CE	Transparent	PC	✓	✓	~5-55	N/A	Fit closely with face. Anti-chemical, impact-resistant and corrective glasses can be wore inside.	WG-9200

The image shows a 3D isometric rendering of a laboratory layout. The lab is divided into several sections by white walls. On the left, there is a reception area with a desk and a computer monitor. In the center, there are two long workbenches with sinks and faucets. On the right, there are two more workbenches with sinks and faucets. Various pieces of equipment and storage units are placed throughout the lab. Red dotted lines connect circular callouts to specific items in the lab. The callouts include: a hanging lamp, a tall grey cabinet, a yellow mobile cart, a yellow and black storage cabinet, a blue storage cabinet, a blue storage bin, a yellow storage bin, a yellow storage cabinet, a blue storage cabinet, a tray with three bottles, and a blue storage cabinet.

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Regulation Abstract

Safety Storage Cabinet

Storage Container

Spill Prevention Containment

& Control System



OSHA 29 CFR 1910.106

OSHA 29 CFR 1910.106(a)(19)

Flammable liquid means any liquid having a flashpoint at or below 199.4 °F (93 °C). Flammable liquids are divided into four categories as follows:

1910.106(a)(19)(i, ii, iii, iv & v)

Category 1 shall include liquids having flashpoints below 73.4 °F (23 °C) and having a boiling point at or below 95 °F (35 °C). Category 2 shall include liquids having flashpoints below 73.4 °F (23 °C) and having a boiling point above 95 °F (35 °C). Category 3 shall include liquids having flashpoints at or above 73.4 °F (23 °C) and at or below 140 °F (60 °C). When a Category 3 liquid with a flashpoint at or above 100 °F (37.8 °C) is heated for use to within 30 °F (16.7 °C) of its flashpoint, it shall be handled in accordance with the requirements for a Category 3 liquid with a flashpoint below 100 °F (37.8 °C). Category 4 shall include liquids having flashpoints above 140 °F (60 °C) and at or below 199.4 °F (93 °C). When a Category 4 flammable liquid is heated for use to within 30 °F (16.7 °C) of its flashpoint, it shall be handled in accordance with the requirements for a Category 3 liquid with a flashpoint at or above 100 °F (37.8 °C). When liquid with a flashpoint greater than 199.4 °F (93 °C) is heated for use to within 30 °F (16.7 °C) of its flashpoint, it shall be handled in accordance with the requirements for a Category 4 flammable liquid.

OSHA 29 CFR 1910.106(d)(3)

"Design, construction, and capacity of storage cabinets" -

1910.106(d)(3)(i)

"Maximum capacity." Not more than 60 gallons of Category 1, 2, or 3 flammable liquids, nor more than 120 gallons of Category 4 flammable liquids may be stored in a storage cabinet.

1910.106(d)(3)(ii)

"Fire resistance." Storage cabinets shall be designed and constructed to limit the internal temperature to not more than 325 deg. F. when subjected to a 10-minute fire test using the standard time-temperature curve as set forth in Standard Methods of Fire Tests of Building Construction and Materials, NFPA 251-1969, which is incorporated by reference as specified in Sec. 1910.6. All joints and seams shall remain tight and the door shall remain securely closed during the fire test. Cabinets shall be labeled in conspicuous lettering, "Flammable - Keep Fire Away."

1910.106(d)(3)(ii)(a)

Metal cabinets constructed in the following manner shall be deemed to be in compliance. The bottom, top, door, and sides of cabinet shall be at least No. 18 gage sheet iron and double walled with 1 1/2 - inch air space. Joints shall be riveted, welded or made tight by some equally effective means. The door shall be provided with a three-point lock, and the door sill shall be raised at least 2 inches above the bottom of the cabinet.

1910.106(d)(3)(ii)(b)

Wooden cabinets constructed in the following manner shall be deemed in compliance. The bottom, sides, and top shall be constructed of an approved grade of plywood at least 1 inch in thickness, which shall not break down or delaminate under fire conditions. All joints shall be rabbetted and shall be fastened in two directions with flathead wood screws. When more than one door is used, there shall be a rabbetted overlap of not less than 1 inch. Hinges shall be mounted in such a manner as not to lose their holding capacity due to loosening or burning out of the screws when subjected to the fire test.

OSHA 29 CFR 1910.106 (a)(29)

Safety can shall mean an approved container, of not more than 5 gallons capacity, having a spring-closing lid and spout cover and so designed that it will safely relieve internal pressure when subjected to fire exposure.

OSHA 29 CFR 1910.125(e)(4)(ii&iii)

Rags and other material contaminated with liquids from dipping or coating operations are placed in approved waste cans immediately after use; and waste can contents are properly disposed of at the end of each shift.

OSHA 29 CFR 1910.144(a)(1)(ii)

Danger. Safety cans or other portable containers of flammable liquids having a flash point at or below 80°F, table containers of flammable liquids (open cup tester), excluding shipping containers, shall be painted red with some additional clearly visible identification either in the form of a yellow band around the can or the name of the contents conspicuously stenciled or painted on the can in yellow. Red lights shall be provided at barricades and at temporary obstructions. Danger signs shall be painted red.

NFPA CODE 30 2012 Edition FLAMMABLE AND COMBUSTIBLE LIQUIDS CODE

9.5 Flammable Liquids Storage Cabinets.

9.5.1 The volume of Class I, Class II, and Class IIIA liquids stored in an individual storage cabinet shall not exceed 120 gal (460 L)

9.5.2 The total aggregate volume of Class I, Class II, and Class IIIA liquids in a group of storage cabinets shall not exceed the maximum allowable quantity of flammable and combustible liquids per control area based on the occupancy where the cabinets are located.

9.5.4 Storage cabinets shall not be required by this code to be ventilated for fire protection purposes.

9.5.4.1 If a storage cabinet is not ventilated, the vent openings shall be sealed with the bungs supplied with the cabinet or with bungs specified by the cabinet manufacturer.

EPA 40 CFR 264.175:

Containment. (a) Container storage areas must have a containment system that is designed and operated in accordance with paragraph (b) of this section, except as otherwise provided by paragraph (c) of this section.

(b) A containment system must be designed and operated as follows:

(3) The containment system must have sufficient capacity to contain 10% of the volume of containers or the volume of the largest container, whichever is greater. Containers that do not contain free liquids need not be considered in this determination.

Spill Prevention, Control and Countermeasures (SPCC) Compliant

What is SPCC and who is regulated by the rule? SPCC is short for Spill Prevention Control and Countermeasures. The rule was developed under the authority of The Federal Water Pollution Control Act and The Clean Water Act, and is designed to prevent oil pollution in US waterways. The SPCC Rule outlines the requirement of owners and operators of on shore facilities and offshore facilities to prepare and implement a Spill Prevention Control and Countermeasures plan.

Application to spill control products, The SPCC Rule outlines the requirement of an owner and operator to demonstrate in their SPCC plans considerations for secondary containment solutions for containers 55 gallons and larger. Each secondary containment shall be as follows:

1) To hold the entire capacity of the largest container.

2) To have sufficient freeboard to hold precipitation.

Notes:

1) Freeboard: the vertical distance to the lowest point of over flow.

2) Adequate freeboard needs to be determined by the owner, or the operator or their engineer as outlined in their plan.

3) Pallets that are sheltered do not require freeboard to hold precipitation. This would be implied under "good engineering practices."

ANSI Z358.1-2014 Standards for Emergency Eyewash and Shower Equipment:

(1) Specifying the minimum performance and operation requirements of emergency eyewash and shower equipment;

(2) Providing the detailed guidance on product design, installation, certification, maintenance and training.

SYSBEL Safety Cabinet Dimensions

Storage Cabinet Model	Color Classification	capacity /Gal	capacity /L	Dimensions H×W×D(cm)	Internal dimensions H×W×D(cm)	Standard layer plate	Snap spacing (cm)
WA810040 / WA810041 / WA810040R / WA810040B	yellow, yellow, red, blue	4	15	56x43x43	46x35x35	1	/
WA0810080	yellow	8	30	61.5x56x52	51x48x43.5	1	7.6
WA0810080T	yellow	8	30	61.5x56x52	37x43x42	/	/
WA910100	yellow	10	38	64x59x60	54x51x52	1	/
WA0810100	yellow	10	38	61.5x71x52	51x63x43.5	1	7.6
WA810120 / WA810121 / WA810122 / WA810120R / WA810120B / WA810120W / WA810122W / WA810120G / WA810125B	yellow, yellow, red, blue, white, white, green	12	45	89x59x46	79x51x38	1	7.6
WA3810120	yellow	12	45	46x109x46	36x101x38	-	7.6
WA0810140	yellow	14	53	61.5x86x52	51x78x43.5	1	7.6
WA810150	yellow	15	57	112x59x46	102x51x38	-	7.6
WA031050	Cabinet yellow, cabinet door yellow, white, blue	15	57	184.5x43x46	56.5x35x37.5	3	7.6
WA3810170 / WA810170	yellow, yellow,	17	64	61x109x46	51x101x38	1	7.6
WA0810180	yellow	18	68	79x75x56	69x67x47.5	1	7.6
WA0810190	yellow	19	72	91x76x57	81x67x46	1	7.6
WA810220 / WA810221 / WA81022B	yellow, yellow, blue	22	83	165x60x46	154x52x38	3	7.6
WA0810230	yellow	23	87	89x89x55	79x80x48	1	7.6
WA810300 / WA810301 / WA810300R / WA810300B / WA810300W / WA810305B	yellow, yellow, red, blue, blue	30	114	112x109x46	102x101x38	1	7.6
WA810300C	yellow	30	114	112x109x46	102x102x47	1	7.6
WA032050	Cabinet yellow, cabinet door yellow, white, blue	30	113	184.5x86x46	56.5x38.5x37.5	6	7.6
WA810451 / WA810452 / WA810450R / WA810450B / WA810450W / WA810452W / WA810455W / WA810455B	yellow, yellow, red, blue, white, white, white, green, blue, blue	45	170	165x109x46	155x101x38	2	7.6
WA810450 / WA810450B / WA810450LB / WA810450W / WA810450LW	yellow, yellow, blue, blue, white, white	45	170	188x109x46	155x101x38	2	7.6
WA810454	blue	45	170	189x109x46	155x101x38	4	7.6
WA033050	Cabinet yellow, cabinet door yellow, white, blue	45	170	184.5x129x46	56.5x40x37.5	9	7.6
WA810530	yellow	45	170	180x109x46	170x101x38	2	7.6
WA810540 / WA810541	yellow, yellow	54	204	165x60x87	155x52x79	3	7.6
WA810550	yellow	55	207	165x66x86	155x78x78	1	7.6
WA810600 / WA810601 / WA810600R / WA810600B	yellow, yellow, red, blue	60	227	165x86x86	155x78x78	2	7.6
WA810850 / WA810861 / WA810860R / WA810860B	yellow, yellow, red, blue	90	340	165x109x86	155x101x78	2	7.6
WA811100	yellow	110	415	165x150x86	155x142x78	1	7.6
WA810115	yellow	115	434	165x150x86	155x142x78	2	7.6
SE490100	yellow	10	38	61.5x56x52	/	1	7.6
SE490120	yellow	12	45	75x60x52	/	1	3.2
SE490170	yellow	17	64	61.5x86x52	/	1	3.2
SE490190	yellow	19	72	63x110x59	/	1	3.2
SE890230/SE860230	yellow	23	87	204x60x62.5	/	3	3.2
SE490300	yellow	30	114	204x90x62.5	/	3	3.2
SE830450/SE890450	yellow	45	170	204x116x62.5	/	3	3.2
ACP810001	Polyethylene material	4	15	49x41x36	44x39.5x30.5	1	-
ACP810004	white PP material	4	15	59x46x43	55x44x36	1	8
ACP810012 / ACP810012GA	white PP material	12	45	89x59x46	82x57x39	1	8
ACP820012	Polyethylene material	12	45	89x53x55	85x48x48	2	-
ACP810002	Polyethylene material	22	83	89x90.5x54.5	76x89x49.5	4	-
ACP810022	white PP material	22	83	165x59x46	158x57x39	2	8
ACP810024	white PP material	24	90	89x59x46	82x57x39	1	8
ACP810025	white PP material	25	90	180x59x46	41x57x37	-	-
ACP810030	white PP material	30	114	112x109x46	105x107x39	1	8
ACP810040	white PP material	40	150	180x90x46	left 41x46x37 right 41x40x37	-	-
ACP810048 / ACP810048T	white PP material	48	180	180x109x46	upper layer 81x107x42 lower level 53x107x42	2	8

SYSBEL Eyewash selection table (By usage environment)

Eye Wash Type	Material	ANSI Standard Speed (L/Minute)	Main Character	Type	Workplace without water supply	Workshop /Lab	Workplace that eye wash can't fix on the wall	Eye and face wash	Eyeface and body wash
Portable Eye Wash Station	Polyethylene	1.5	Only have eye wash nozzle; suitable for outdoor or workplace without water supply.No installation requirements. With the cart which is convenient to move. It can be fixed on the wall according to different requirements	Portable	√			√	
Wall Mounted Eyewash(No Bowl)	Stainless Steel	11.4	Only have eye wash nozzle;it will be fixed on the wall so that the space will be saved.	Static		√		√	
Wall Mounted Eyewash (With Bowl)	Stainless Steel	11.4		Static		√	√	√	
Combination Units (With Bowl)	Stainless Steel	11.4 eyewash 75.6 shower	With eye wash nozzle and shower system; Eye wash is used for cleaning chemical spray on the eyes/face; Shower is used for cleaning chemical spray on the body.	Static		√	√	√	√
Eyewash Drench Wash	PE STEEL COPPER	11.4	Eyewash Drench Wash: suitable for indoor tank water pipe connection for easy extraction and flexible use	Static		√	√	√	√

Remark:

1. Comply with the provisions of the American National Standards Institute/Industrial Safety Equipment Association on emergency eyewash and shower equipment ANSI Z358.1-2014, Australian standard AS 4775-2007, national standard GB/T 38144
2. There are five categories of eyewash products, including 4 portable eyewashes, 3 wall-mounted steel eyewashes; 4 vertical steel eyewashes; 6 emergency showers; 6 composite eyewashes
3. The product models are:
 Portable (PE): WG6000A WG6000B
 WG6000AD
 WG6000BD
 Wall Mount: WG7023 WG7023Y WG7023G
 Vertical: WG7033FY WG7033F WG7033FG WG7033P
 Composite: WG7053FY WG7053FG WG7053P
 Handheld: WG7011R WG7012R
4. In an environment with too high acidity, it is recommended to use an eyewash made of 304 stainless steel + electrostatic powder coating, or an ABS eyewash
5. For areas with mild climate environment, you can choose to place the steel series eyewash for outdoor use; the AES plastic selected for sprinklers, basin showers, etc. has strong weather resistance, or use ABS eyewash



SYSBEL Absorbent Material Selection Guide

Disclaimer: The following information is only as a guide, it does not guarantee the absolute accuracy. All the data are based on ambient temperature and pressure, the chemical substance is under the norm circumstances, rather than a mixture or combination. We recommend you to conduct a small test prior to the application of SYSBEL adsorbent materials about their pending chemical compatibility and absorption effect, to ensure application security.

Waste Disposal: Unused polypropylene adsorbent material can be regarded as a common waste disposal in landfills. Cotton pollutants after adsorption of chemical liquid or hazardous materials shall be properly transferred to a chemical disposal bag or bucket with SYSBEL spill response package. They should be transferred to a professional waste disposal organization according to local regulations.

Chemicals	Oil Only Polypropylene	Universal and Hazmat Polypropylene
Acetaldehyde		•
Acetic Acid	•	
Acetic Anhydride		•
Acetone	•	•
Acetyl Bromide	•	•
Acetyl Chloride		•
Acrolein	•	•
Acrylonitrile		•
Acrylic Acid		•
Acrylic Emulsions		•
Allyl Alcohol		•
Allyl Chloride	•	
Aluminum Hydroxide		•
Aminobenzoic Acid		•
Ammonia (Anhydrous)	•	•
Ammonium Hydroxide	•	•
Amyl Acetate	•	•
Amyl Alcohol		•
Aniline		•
Aqua Regia		•
Arsenic Trichloride		•
Aviation Fuel	•	•
Barium Hydroxide		•
Benzene	•	•
Benzoic Acid		•
Benzonitrile		•
Benzol Chloride		•
Benzyl Chloride		•
Benzyl Alcohol		•
Boric Acid		•
Brake Fluid	•	•
Bromine		•
Butyl Acetate	•	•
Butyl Alcohol	•	•
Butyl Phthalate		•
Butyric Acid	•	•
Butylamine		•
Butyric Acid	•	•
Calcium Hydroxide		•
Calcium Hypochlorite		•
Carbolic Acid		•
Carbon Disulfide		•
Carbon Tetrachloride	•	•
Castor Oil	•	•
Chlorine Water		•
Chloroacetic Acid		•
Chlorobenzene		•
Chlordane		•
Chloroform	•	•
Chromic Acid (50%)		•
Chlorosulfonic Acid		•
Citric Acid		•
Clorox (Full Strength Bleach)		•
Corn Oil	•	•
Cottonseed Oil	•	•
Cresol	•	•
Cyclohexane	•	•
Detergents		•
Diazinon		•
Dichlorobenzene	•	•
Dichloropropane		•
Dichloropropene		•
Diethylamine	•	•
Diethyl Ether	•	•
Disooctyl Phthalate	•	•
Disulfoton		•
Dinitrobenzene	•	•
Dioxan		•
Ehtion		•
Epichlorohydrin		•
Ether	•	•
Ethyl Acetate	•	•
Ethyl Alcohol	•	•
Ethyl Benzene	•	•
Ethyl Chloride	•	•
Ethyl Ether	•	•
Ethyl Propionate	•	•
Ethylene Dibromide		•
Ethylene Dichloride		•
Ethylene Glycol		•
Ethylenediamine		•
Formaldehyde		•
Formic Acid		•
Fuel Oil	•	•
Furfural		•
Gasoline	•	•
Gearbox Oil	•	•
Glacial Acetic Acid		•
Glycerol		•

Chemicals	Oil Only Polypropylene	Universal and Hazmat Polypropylene
Heptane	•	•
Hexane	•	•
Hydrazine		•
Hydrochloric Acid		•
Hydrofluoric Acid		•
Hydrogen Cyanide	•	•
Hydrogen Peroxide		•
Isobutyl Alcohol	•	•
Isobutyric Acid	•	•
Isoprene	•	•
Isopropyl Acetate	•	•
Isopropyl Alcohol	•	•
Kerosene	•	•
Keytones	•	•
Linseed Oil	•	•
Lubricating Oil	•	•
Magnesium Hydroxide		•
Malathion		•
Methyl Alcohol	•	•
Methyl Chloride	•	•
Methyl Ether		•
Methyl Ethyl Ketone	•	•
Methyl Methacrylate	•	•
Methyl Propionate	•	•
Mevinphos		•
Mineral Oil	•	•
Monoethylamine		•
Monomethylamine		•
Motor Oil	•	•
Naphthalene	•	•
Nitric Acid		•
Nitrobenzene		•
Nitrobenzoic Acid		•
Nitrotoluene	•	•
Octane	•	•
Oleic Acid	•	•
Olive Oil	•	•
Paraffin	•	•
Parathion		•
Perchloroethylene	•	•
Petroleum Ether	•	•
Phenol		•
Phosphorous Oxychloride		•
Phosphorous Trichloride		•
Phosphoric Acid		•
Plating Solutions		•
Polychlorinated Biphenyls		•
Potassium Hydroxide		•
Propanol		•
Propionic Acid	•	•
Propionic Anhydride		•
Propyl Alcohol	•	•
Propylene Glycol	•	•
Propylene Oxide		•
Pyrethrins		•
Quinoline		•
Resorcinol		•
Salt Solutions (Metallic)		•
Silicone Oil	•	•
Silver Nitrate		•
Soap Solution (Concentrated)	•	•
Sodium Bicarbonate		•
Sodium Chloride		•
Sodium Hydroxide		•
Sodium Hypochlorite		•
Sodium Nitrate		•
Stannic Chloride		•
Starch		•
Styrene	•	•
Sucrose		•
Sulfur Monochloride		•
Sulfuric Acid		•
Synthetic Motor Oil	•	•
Tannic Acid		•
Tetraethyllead		•
Tetraethylpyrophosphate		•
Toluene	•	•
Transformer Oil	•	•
Trichloroethylene	•	•
Triethylamine		•
Triethylene Glycol	•	•
Trimethylamine		•
Turpentine	•	•
Urine		•
Vinyl Acetate	•	•
Vinegar		•
Vinylidene Chloride		•
Xylene	•	•

Substance	Concentration	Character
Acetic acid, Glacial	100°C	strongly corrosive, flammable
Acetic acid, aqueous	80°C	strongly corrosive, flammable
Acetic acid, aqueous	70°C	corrosive, flammable
Acetic acid, aqueous	30-60°C	corrosive, flammable
Acetic acid, aqueous	20-30°C	corrosive, flammable
Acetic acid, aqueous	10-20°C	corrosive, flammable
Acetic acid, aqueous	0-10°C	corrosive
Acetic acid+acetic acid	90 : 10	corrosive, flammable, toxic
Acetic anhydride		corrosive, flammable
Adipic Acid		corrosive, combustible
Acids, aromatic		corrosive
Aluminum chloride, anhydrous	any	corrosive, irritant
Ammonium sulphide, aqueous	any	corrosive, flammable
Aqua regia (HCl+HNO ₃)		strongly corrosive
Battery fluid, acid		corrosive
Benzene sulphonic acid		corrosive, irritant
Bromic acid	conc.	corrosive, irritant
Bromine (liquid)		corrosive, toxic
Butyric acid	any	corrosive
Carbolic acid		corrosive, combustible
Chloroacetic acid, aqueous	≤85%	corrosive, combustible
Chloric Acid 20% 20%	20%	strong acid, corrosive
Chlorine water 2%	2%	corrosive, irritant
Chlorine Water Saturated	Saturated	corrosive, irritant
Chloroform		very humful, toxic
Carbolineum	as supplied commerc.	corrosive
Chlorosulphonic acid	techn. grade	corrosive, irritant
Chromic acid		corrosive
Chlorine, liquid		toxic, corrosive, flammable, irritant
Citric Acid		corrosive, combustible
Cresylic Acid		toxic, corrosive
Diglycolic Acid, aqueous		irritant
Decahydronaphthalene (Dekalin)		humful, corrosive
Ethylenediamine	techn. grade	humful, corrosive, flammable
1, 2-Dibromoethane 1,2		toxic
Dibutyl ether		irritant, flammable
Dextrin		
Dextrose		
Dichloromethane		humful, irritant
Dichloropropene		flammable
Dichloroacetic acid	techn. grade	corrosive, toxic
Dichloroacetic acid	50%	corrosive, toxic
Dichloroacetic acid methyl ester		irritant, combustible
Ethylenediamine tetraacetic acid		irritant, combustible
Ethyl acetate (acetic acid ethyl ester)		flammable, toxic
Fatty acids (> C ₆)		
Fluoroboric Acid		corrosive, irritant
Fluorosilicic Acid		corrosive, toxic
Foric Acid		corrosive
Formic acid, aqueous	10%	corrosive
Formic acid, aqueous	25%	corrosive
Formic acid, aqueous	50%	corrosive, combustible
Formic acid, aqueous	100%	corrosive, combustible
Gallic Acid		irritant
Glacial acetic acid (100% acetic acid)		strongly corrosive, flammable
Glycolic Acid	30%	corrosive
Glycolic Acid	up to 70%	corrosive
Hydrobromic Acid	20%	corrosive, irritant
HCl (hydrochloric acid)	10%	corrosive
HCl (hydrochloric acid)	48%	corrosive
HCl (hydrochloric acid)	any	corrosive
Hydrofluoric Acid	4%	corrosive
Hydrofluoric Acid	10%	corrosive
Hydrofluoric Acid	48%	corrosive
Hydrofluoric Acid	60%	corrosive
Hydrofluorosilicic Acid		corrosive
HNO ₃ (nitric acid)	25%	strong acid, corrosive
HNO ₃ (nitric acid)	50%	strong acid, corrosive
HNO ₃ (nitric acid)	95%	strong acid, corrosive
HClO ₄ (perchloric acid)	20%	strong acid, corrosive

Substance	Concentration	Character
HClO ₄ (perchloric acid)	50%	strong acid, corrosive
HClO ₄ (perchloric acid)	70%	strong acid, corrosive
H ₂ SO ₄ (sulfuric acid)	up to 50%	strong acid, corrosive
H ₂ SO ₄ (sulfuric acid)	70%	strong acid, corrosive
H ₂ SO ₄ (sulfuric acid)	80%	strong acid, corrosive
H ₂ SO ₄ (sulfuric acid)	98%	strong acid, corrosive
Hydrogen peroxide, aqueous	10%	humful, corrosive
Hydrogen peroxide, aqueous	30%	humful, corrosive
Hydrogen peroxide, aqueous	100%	humful, corrosive
Hypochlorous acid		corrosive, irritant
Isobutyric acid		corrosive, humful, flammable
Lactic acid, aqueous DL		corrosive, irritant
Maleic Acid, Aqueous	up to 100%	humful
Malic acid, aqueous	50%	irritant, combustible
Methacrylic acid		flammable, corrosive
Methyl Acetate		flammable, irritant
Nicotine Acid		irritant
Oleic Acid		irritant, combustible
Oleum		corrosive
Oxalic Acid		corrosive, combustible
Palmitic acid		irritant
Perchloric acid	10%	corrosive, irritant
Perchloric acid	70%	corrosive, irritant
Peracetic Acid	40%	corrosive, flammable
Phosphoric Acid	0-25%	corrosive
Phosphoric Acid	25-50%	corrosive
Phosphoric Acid	50-90%	corrosive
Picric Acid		flammable, toxic
Salicylic Acid		humful
Selenic acid		corrosive, toxic
Silicic Acid		corrosive, irritant
Silicone fluids		irritant, combustible
Stearic acid		irritant
Sulphurous acid		corrosive, combustible
Succinic acid, aqueous	50%	corrosive, combustible
Tannic acid		irritant
Tartaric Acid		irritant
Thioglycolic acid		very toxic, corrosive
Thionyl Chloride		corrosive
Titanium(III)chloride solution	typically 20%	corrosive
Tin(II)chloride		corrosive, toxic
Tin(IV)chloride		corrosive, toxic
Tributyl Phosphate		humful, toxic, flammable
Triethylamine		highly flammable, corrosive, humful
Uric acid		irritant
Fuming sulphuric acid	trace	highly corrosive
Sodium hydroxide, aqueous	any	corrosive, strong bases
KOH (potassium hydroxide)	any	corrosive, strong bases
Ca(OH) ₂ (calcium hydroxide)	any	corrosive, strong bases

P.S. 1) corrosive; strongly corrosive; strong acid; strong bases; humful; very humful; flammable.
2) irritant; toxic; combustible.



corrosive
strongly corrosive
strong acid
strong bases

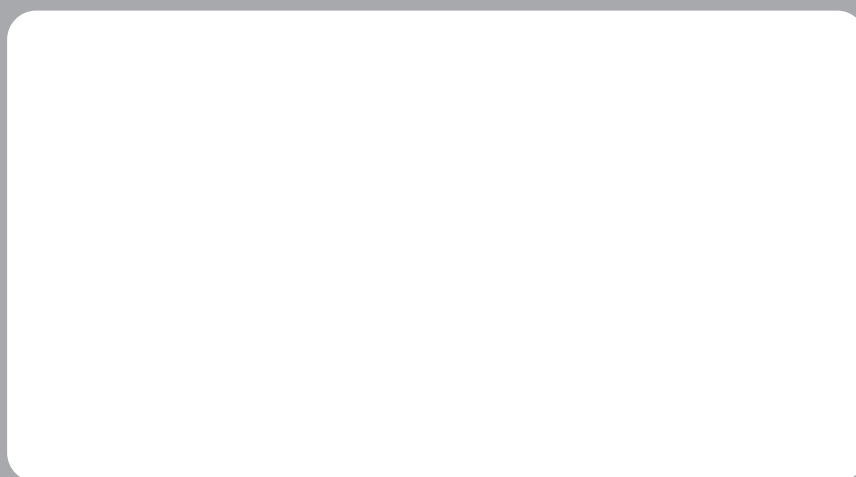


toxic
humful
irritant



flammable
combustible

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