

## Safety Cans & Containers

Trusted



# Safety Cans & Containers

## Why do I need a safety can?

Almost every place of business has occasion to use flammable liquids such as fuels, chemicals, and solvents. Whereas these liquids are relatively commonplace, it's important to understand the dangers they may present. For example, one gallon of vaporized gasoline can explode with the same force as twenty sticks of dynamite. Safety containers protect workers by minimizing the risk of accidents and fires when handling hazardous liquids.

### Safety cans serve critical functions:

- Reduce the risk of fire and explosion when pouring and storing flammable liquids
- Provide compliance with federal OSHA regulations and fire codes
- Improve efficiency with ease-of-use features which enhance pouring and filling operations

### Approval and Compliance

Approved by, or meet, at least one or more of the following:

- FM Approvals
- Underwriters Laboratories
- TÜV Technical Inspection Association
- OSHA 1910.106
- National Fire Protection Association (NFPA) Code 30
- UN/D.O.T. 49 CFR parts 100 to 185
- National Fire Code of Canada
- NFPA Fire Code 1
- International Fire Code (IFC)
- California Air Resources Board (CARB) Title 13



Comfortable, rounded handle doesn't cut into hand.

Leakproof, positive pressure relief lid automatically vents to prevent rupture or explosion. It is spring-loaded to self-close controlling vapours and spills.

Trilingual warning label.



### Types of Safety Containers

- Type I and Type II steel safety cans
- Polyethylene safety cans
- Laboratory safety cans
- Quick-disconnect safety disposal cans
- Liquid disposal safety cans
- Oily waste cans
- Plunger and bench cans
- Dip, wash, and rinse tanks



Exclusive, vented Type II AccuFlow™ manifold with a Safe Squeeze® trigger handle provides the fastest smoothest, most controlled pouring. Patented.

Flexible 229-mm hose on Type II AccuFlow™ offers targeted pouring into small openings.

# Safety Cans & Containers



**Type II**

**10 Year**  
Limited Warranty



**Type I**

Free swinging handle with counter-balanced design leverages the weight of the can against the opening mechanism for easy pouring and carrying.

Reinforcing ribs strengthen walls to resist denting or implosion.

Double lock seams at base and top offer four thicknesses of steel for extra "bumper guard" protection.



Quick-fill port on Type II AccuFlow™ features an ergonomically designed lift lever that opens wide for easy filling.



Extra capacity in all cans accommodates oil additives for two cycle engines.



13-mm grip lip along bottom supports pouring and resists accidental punctures when placed on uneven surfaces.



Stainless steel flame arrester stops flashback ignition. 88 mm length offer safe secure insertion of gas nozzle.



Optional 2-position polypropylene funnel for Type I cans aids in pouring and folds down for compact storage and filling.



Large ID zone permits user labelling to avoid misuse, mishaps with incompatible mixtures, or to identify owner or department.

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## Type I Safety Cans

Protect workers and reduce fire risks by transferring, storing and dispensing flammable liquids in OSHA-approved, single-spout Type I safety cans

- Self-closing, leakproof lid protects vapours from escaping and guards against spills
- Positive-pressure relief cap automatically vents can to guard against rupture or explosion
- Stainless steel flame arrestor dissipates heat to stop flashback ignition
- Guaranteed 100% leakproof construction
- Large label ID zone on swing-handle cans provides writing space to identify contents
- Swinging handles on cans 4 litres or larger to help carry heavier loads
- Tough powder-coat finish resists chemicals
- Certified by FM Approvals, UL/ULC, and TÜV



7150100Z



10001 10101Z 10301Z



7125100Z 7120100Z 7110100Z 7150100Z

### Trigger Handle

Capacity (L)	OD x H (cm)	Red	Yellow
0.5	12 x 17	10001	10011Z
1	21 x 21	10101Z	10111Z
4	18 x 29	10301Z*	

### Swinging Handle

Capacity (L)	OD x H (cm)	Red	Yellow
4	24 x 28	7110100Z	7110200Z
7.5	24 x 35	7120100Z	7120200Z
9.5	30 x 29	7125100Z	7125200Z
19	30 x 43	7150100Z	7150200Z

### 11202Y Type 1 Safety Can Funnel

- For sizes  $\geq 4$  litres. Two positions: folds down for filling, stays up when pouring
- Big bowl protects against splashes



\*Not TÜV certified

# Safety Cans & Containers

## Type II AccuFlow™ Safety Cans

Go beyond protection and compliance with the added convenience of AccuFlow™ with Safe-Squeeze® trigger for safe and controlled pouring

- Vented design provides smooth, glug-free liquid flow
- Flexible 229-mm long metal hose helps control the pour into small openings
- Stainless steel flame arrester prevents flashback ignition
- Two-openings – one for targeted pouring, one with ergonomically designed lift-lever for easy filling
- Sealed lid features automatic positive-pressure relief to protect against explosion
- Large label ID zone provides writing space to identify contents, department location, or individual user name
- Tough powder-coat finish resists chemicals
- Certified by FM Approvals, UL/ULC, and TÜV; meet OSHA and NFPA requirements



7250130Z



7225130Z



7210120Z



7220120Z

Capacity (L)	Hose OD x L (cm)	OD X H (cm)	Red	Yellow
4	1.6 x 23	24 x 27	7210120Z	7210220Z
7.5	1.6 x 23	24 x 34	7220120Z	7220220Z
9.5	2.5 x 23	30 x 30	7225130Z	7225230Z
19	2.5 x 23	30 x 45	7250130Z	7250230Z

## Safety Dispensing Cans

Same benefits of our classic Type I safety cans, but also include faucets for safe dispensing of hazardous liquids into small flasks and beakers

- All styles are FM-approved
- Fill spouts feature self-closing pressure-relief caps and stainless-steel flame arresters
- Self-closing faucets provide trouble-free dispensing



08540



08902



7150250Z

### Steel Shelf Cans

- Self-close faucet is mounted 51 mm above the bottom to eliminate the need to lift the cans during dispensing

Capacity (L)	OD x H (cm)	Red Faucet 08540	Red Faucet 08902	Yellow Faucet 08540	Yellow Faucet 08902
9.5	30 x 30	7225140	7225150Z	7225250Z	-
19	30 x 40	7150140	7150150Z	7150240Z	7150250Z

### Poly Shelf Cans

- Polyethylene safety dispensing cans provide superb corrosion protection, and a unique current-carrying carbon insert embedded into the container allows for proper grounding
- Self-close faucet is mounted 51 mm above the bottom to eliminate the need to lift the cans during dispensing

Capacity (L)	OD x H (cm)	Red Faucet 08504
19	30 x 43	14545Z



### Steel-Tilt Cans

- Top-mounted self-closing faucet
- Sturdy metal cradle for easy dispensing
- Cradle base measures 35 x 35 cm
- UL listed

Capacity (L)	OD x H (cm)	Red Faucet 08540	Red Faucet 08540
19	30 x 40	7150146	7150156



# Safety Cans & Containers

## Type I Poly Safety Cans

Chemical-resistant HDPE cans offer safe storage for flammable corrosives in a space-saving design

- Independently fire tested and approved by FM Approvals
- Durable one-piece body construction that resist dents, punctures, and chips to withstand abusive environments
- Patented conductive current-carrying carbon insert embedded into the rib of containers completes a ground path between the cover assembly and the flame arrester. When used with a grounding strip, this prevents the creation of a static arc during filling or pouring.
- Self-closing cap, pressure-relief mechanism and flame arrester prevent ignition sources from entering without restricting liquid flow in or out of the can
- Resistant to tough acids and heat
- Suitable for most high-purity liquids

Capacity (L)	W x L/OD x H (cm)	Red
2	12 x 19 x 24	14065Z
4	12 x 19 x 32	14160Z
9.5	27 x 36	14261
19	32 x 41	14561



14561



14160Z

14065Z

## Self-Closing Containers for Non-flammable Corrosives

Improve safety and ensure containment with translucent high-density polyethylene laboratory containers

- Spring-close cap provides a tight seal
- Flame arrester-free spout allows quick pouring of non-flammable corrosives
- Oval containers have trigger handle for one-handed pouring
- The 7.5- to 19-litre sizes have fixed position on handle

Capacity (L)	Spout Dia (cm)	W x L/OD x H (cm)	White
4	3.7	12 x 19 x 32	12161
7.5	9.2	31 x 38	12762
9.5	3.7	27 x 39	12260
19	9.2	31 x 51	12765



12260



12762

12161



## Liquid Disposal Safety Cans

HDPE disposal cans provide a solution for the containment of liquid flammable or corrosive waste

- Durable poly in safety red or translucent white to easily detect liquid level
- Current-carrying, patented carbon insert embedded in the container allows for proper grounding
- Stainless steel handle and hardware with latch-catch system hold the cap open for easy filling and pouring
- Provides superior chemical resistance and leak protection
- Broad-base design prevents accidental tip over
- Available with built-in fill gauge that pops up to warn you that the container is almost full\*
- Independently fire tested and approved by FM Approvals

### Accessories:

- **11406** – Replacement stainless steel flame arrester



12754



14265 with fill gauge

Capacity (L)	OD x H (cm)	Red	White	Red with Fill Gauge*
7.5	31 x 38	14762Z	12751	14265
19	31 x 51	14765Z	12754	

\*Not FM approved

## Squeeze Bottles

- Made of polyethylene with a stainless-steel wire, squeeze bottles provide safe dispensing of flammable liquids directly on small components or sub-assemblies with minimum over-spray
- Squeezing the bottle produces a fine stream of liquid
- Stem can be shaped to dispense into hard-to-get areas
- Intended for daily use only



Capacity (L)	OD x H (cm)	Translucent
0.5	7 x 19	14009
1	9 x 23	14011

# Safety Cans & Containers

## HPLC Safety Disposal Cans

Quick-disconnect fittings and coalescing carbon filters keep labs and personnel safe with a compliant solution to HPLC waste collection

- Provides vapour and fire protection
- Safeguards against accidental spills
- Hands-free solvent collection suitable for either pump-fed or gravity-flow HPLC waste methods
- Translucent polyethylene container allows quick visual inspection of liquid level
- Two disconnect fittings eliminate back pressure in liquid flow disposal line and provide controlled handling of vapour
- Pouring spout equipped with stainless steel flame arrester to prevent flashback ignition
- Easy-on, easy-off quick-disconnect mechanism prevents leaks, drips or vapour release
- Automatically sealed after disconnecting
- FM-approved; meets OSHA, NFPA and EPA requirements



Coalescing carbon filter  
Optional filters are for use with only round style cans

Optional manifold

Valved quick-disconnect fittings automatically close when decoupled to prevent vapor or liquid release

Translucent colour lets you check liquid level at a glance

Oval-style maximizes storage space and features one-handed pouring from narrow 36-mm spout



Capacity (L)	W x L/OD X H (cm)	Stainless Steel Intake & Release	Polypropylene intake & release	Steel Intake PP Release
4	20 x 13 x 32		12160	
7.5	31 x 38	TF12752	PP12752	BY12752
19	31 x 51	TF12755	PP12755	BY12755

# Accessories

## Coalescing Carbon Filters

Use with HPLC cans to minimize odour and capture 99% of liquid particulates released as gaseous vapor. Vent filter snaps conveniently into the quick-disconnect fitting. Carbon filter cartridge colour indicator beads change from purple to black when replacement is necessary. Replace the coalescing filter after three or four carbon filter cycles. Meets EPA 40 CFR 264.173.



**28161** with polypropylene fitting



**28162** with stainless steel fitting



**28157** 3-pack replacement filters

## HPLC PTFE Manifold and Compression Fittings

Enables up to six waste lines (per manifold) from HPLC processes to be fed into a single intake fitting. Safety container with manifold installed is OSHA compliant and meets NFPA Code 30. Use on round containers; not for use on oval style can.



### PTFE Manifold:

- **28177** PTFE manifold with stainless steel fitting
- **28178** PTFE manifold with polypropylene fitting
- **28179** PTFE manifold with stainless stacker connector



### ETFE tubing compression fittings with 6 ferrules:

- **28188** – 1.6 mm – blue
- **28121** – 2 mm – yellow
- **28122** – 2.5 mm – orange
- **28123** – 3 mm – red
- **28189** – 3.2 mm – green



## Spill Basin

Durable polyethylene basin keeps work area clean around HPLC cans and captures any inadvertent leakage from HPLC inflow tubes

**84003** – 19 litres – 38 x 38 x 19 cm

