



## What is it and how does it work?

The SaFTFlo® insert is at the heart of closed-loop technology. A molded plug with an automatic, self-venting valve sits in the neck of a container to 'lock' the chemical inside, preventing leaks and spills during transport, storage, and handling.

To dispense chemical, the insert is the single point of contact to release the chemical. A dip tube is attached to the insert that runs the length of the bottle which is used to draw chemical from the container through the insert.

The SaFTFlo® insert has built-in venting to activate chemical dispensing and allow chemicals to "off-gas" during transportation and storage, which will stop the containers panelling or bloating.

To set up chemical dispensing, the end-user replaces the ship cap with a SaFTFlo® Cap Adapter, which opens the insert valve, releasing the chemical. A fully closed-loop system ensures that end-users are never exposed directly to chemical concentrates.

## Benefits

- Prevents leaks and spills of chemical concentrates during shipping, storage, and handling by securing them within a container
- Creates a closed-loop system which:
  - » Prevents end-users from chemical burns and inhalation of toxic fumes
  - » Enables accurate dilution which optimizes product performance
  - » Accurate dilutions = cost savings
- Provides safety to your employees
- Built-in, automatic venting ensures containers do not panel or bloat
- Compatible with a large range of chemicals
- Fully customizable to suit customer needs
- Largest range of sizes on the market including bungs

## Key Features

- Sizes: 28 mm, 38 mm, 40 mm, 53 mm, 60 mm, 63 mm, 70 mm, Bungs
- Flow rates: Standard and medium
- Materials:
  - » Substrate: Polypropylene, Metallocene over-mold
  - » Venting: PE Foam LinerSC5 Gore, millipore
  - » Spring: Stainless Steel, Kynar, Hastelloy, TPE
- Colors: please contact your sales representative
- Key locks available for additional seal and security

## Compatible With:

- SaFTFlo® Cap Adapter
- SaFTFlo® Swivel Cap Adapter
- SaFTFlo® Portable Dispensing Units
- SaFTFlo® Docking Station
- SaFTFlo® Fluid Monitor

## Industry Used In:



Hotels



Schools

Health Spa /  
Gym

Hospitals



Grocery Stores

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**Large Range of Insert Sizes**



**Standard & Medium Flow**



Narrower stem valve opening for liquids with a higher fluidity.

Wider stem valve opening for liquids with a higher viscosity,

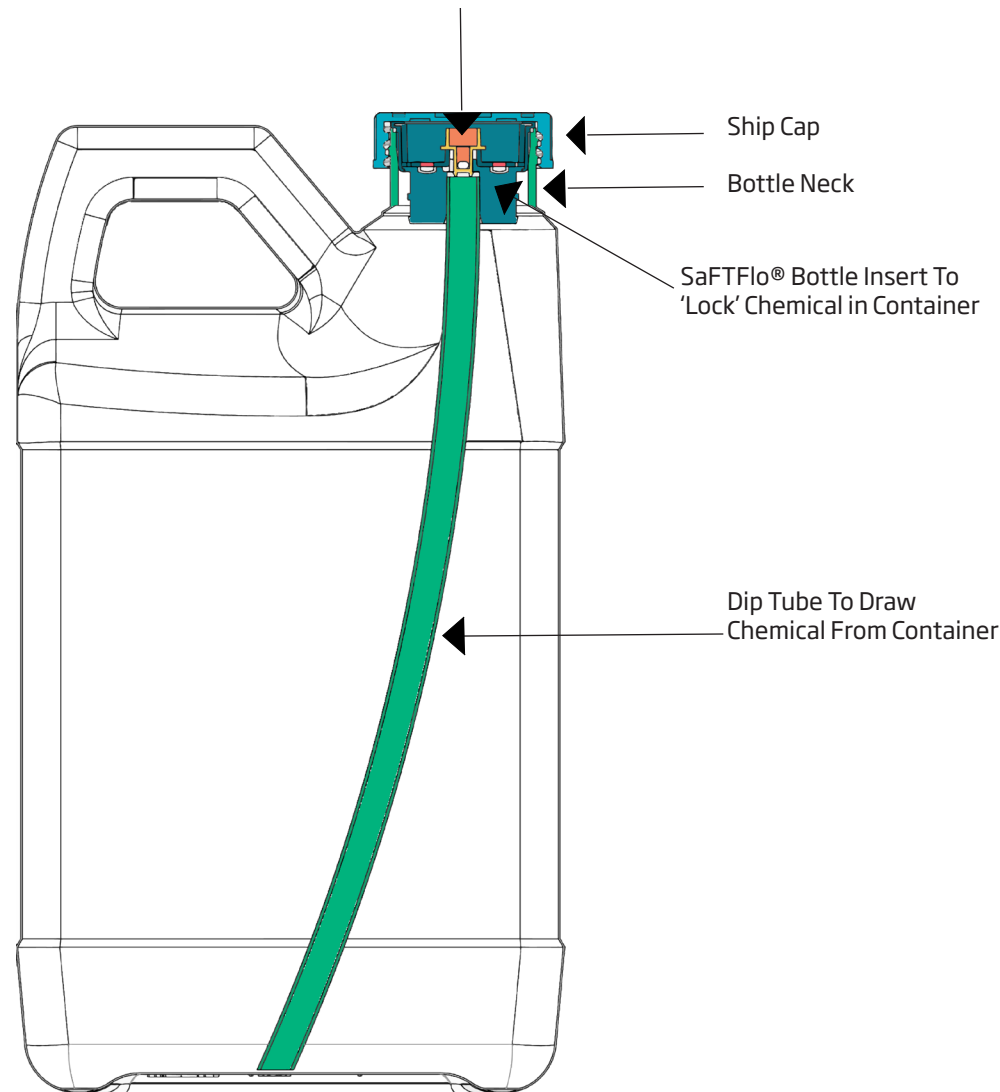
A Standard flow insert is for chemicals with a high fluidity.

A Medium flow insert is for chemicals with a high viscosity.

The stem valve is narrower as the chemicals are more fluid.

The stem valve is wider to allow the thicker chemicals to flow.

Valve In Insert To Release Chemical When Cap Adapter Attached.



## Materials and Customization Options

Insert Size	Substrate Material Options				Saftseal	Venting Options			Spring			Tamper Evident					Key Lock Options	Metering Tip
	PP	HDPE	Kynar	TPE Overmould		PE Foamer Liner	SC5 Gore	Millipore	Stainless Steel	Hastelloy	Green	PP	HDPE	0.18 Lugs	0.22 Lugs	0.250 Lugs		
28 mm Standard Flow	x	x	x	x		x	x	x	x	x	x						x	x
28 mm Medium Flow	x	x	x	x		x	x	x	x	x	x							
33 mm Standard Flow	x	x	x	x		x	x	x	x	x	x						x	x
33 mm Medium Flow	x	x	x	x		x	x	x	x	x	x							
38 mm Standard Flow	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
38 mm Medium Flow	x	x	x	x	x	x	x	x	x	x	x							
40 mm Standard Flow	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
40 mm Medium Flow	x	x	x	x	x	x	x	x	x	x	x							
53 mm Standard Flow	x	x	x	x	x	x	x	x	x	x	x						x	x
53 mm Medium Flow	x	x	x	x	x	x	x	x	x	x	x							
60 mm Standard Flow	x	x	x	x	x	x	x	x	x	x	x						x	x
60 mm Medium Flow	x	x	x	x	x	x	x	x	x	x	x							
63 mm Standard Flow	x	x	x	x		x	x	x	x	x	x						x	x
63 mm Medium Flow	x	x	x	x		x	x	x	x	x	x							
70 mm Standard Flow	x	x	x	x		x	x	x	x	x	x						x	x
70 mm Medium Flow	x	x	x	x		x	x	x	x	x	x							

\*SaFTSeal (Metalocene) over-mold to accommodate bottle neck irregularities

\* Tamper Evident Collar for additional safety / theft prevention

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