



## Technical data

### SafeFlow Pack Material:

**Adapter:** Polypropylene /**Protective bag:** Polyethylene or Polyamid

### SafeFlow Housing Material:

Stainless Steel AISI 304, AISI 316

### Filter cartridges used in Safe Pack:

- ALLFIL BiPoreX nominal rated filters (1-350 micron)
- ALLFIL BiPoreX absolute rated filters (1-15 micron)
- ALLFIL BiPoreX nominal rated filters (1-50 micron)

## Dimensions

### Nominal lengths of SafeFlow Pack:

#### 1 cartridge:

5" (190 mm), 10" (316 mm), 20" (566) mm

#### 3 cartridges:

10" (343 mm), 20" (593 mm), 30" (843) mm

#### 7 cartridges:

10" (371 mm), 20" (621 mm), 30" (871) mm

### Outside diameter of SafeFlow Pack:

1 cartridge: 91mm

3 cartridges: 173mm

7 cartridges: 236mm

## Operating parameters

### Maximum sustained operating temperature:

104°F (40°C)

### Maximum differential pressure:

Max. 10 bar (housing SafeFlow)

Max. 3 bar at 20°C

Max. 1.4 bar at 40°C

### Recommended change-out pressure:

1.5 bar

# ALLFIL SafeFlow System with SafePack unit

## Clean Changeouts. Safer Workspaces. Smarter Filtration

The ALLFIL SafeFlow filterhousing in combination with the SafePacks is an innovative, enclosed filter unit with a protective bag and is suitable for all applications that desire an enclosed, ready-to-use unit for reasons of user safety, cleanliness, hygiene and toxicity.

The SafeFlow system reduces the amount of labour costs and environmental and worker hazards involved with filter change-outs and cleaning of conventional housings.

## SYSTEM: SafeFlow + SafePack

The SafeFlow system consists of a stable **PP-adapter** with **manifold**, **inlet** and **outlet ports** and a **double-layered protective bag** with filter **cartridges** located inside. Because of the protective bag the liquid, which has to be filtered does not come into contact with the housing and protects the user from direct contact with the liquid during filter exchange.

**SafePacks** are installed into corresponding the ALLFIL SafeFlow stainless steel housings and sealed by special unions at their inlet and outlet ports. The SafePacks are manufactured with **1, 3, or 7 filter cartridges** and in lengths of **5" to 30"**, and inside can be equipped with different types of filter cartridges.



## FEATURES

- Enclosed and ready to use filter
- No seals and gaskets
- Safe and hygienic replacement without the risk of inhaling vapors or injuries
- Easy and quick handling

## AVAILABLE ON REQUEST

- Datasheets ALLFIL SafeFlow housings
- Datasheets ALLFIL SafePacks

## APPLICATION

- Paint, inks and coatings
- Acids and strong alkaline
- Fine chemicals