

# Custom 5L Tapered Surge Bag for Final Fill Assembly

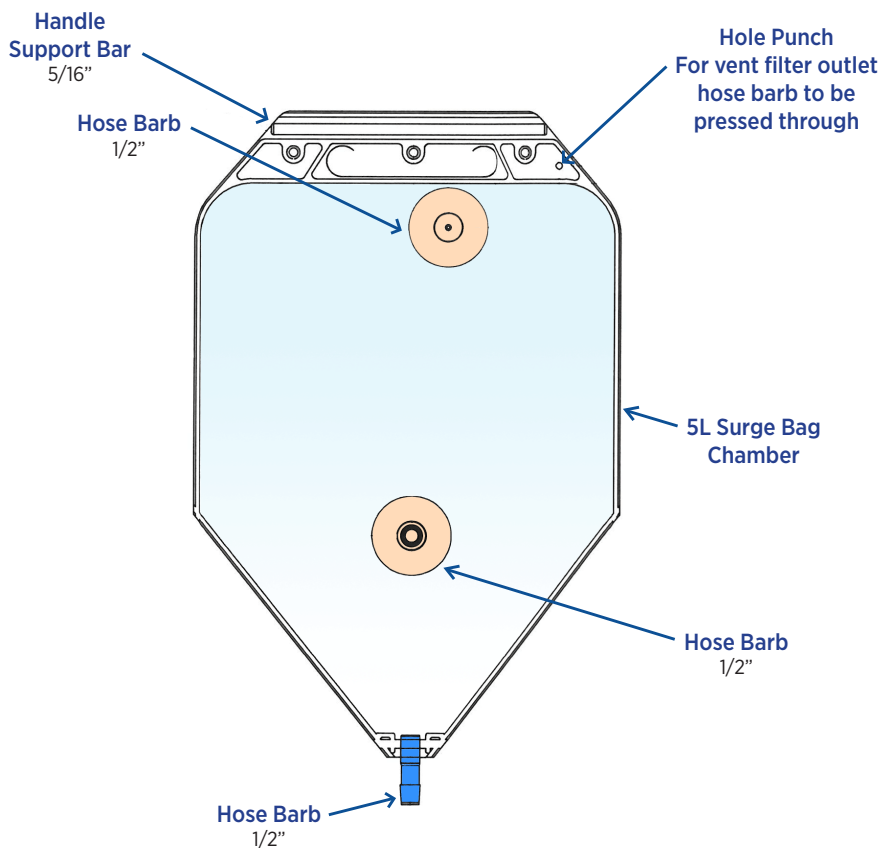
## Challenge

The customer needed a 5L surge bag with a single drain port as part of a custom final fill assembly. There had been problems with foaming and turbidity during fill and drain steps with their previous solution. This new bag solution would prevent these issues.

## Solution

Saint-Gobain created a tapered bag design with optimized placement of the fill port – keeping it low enough to be below the liquid level but also not too close to the drain port. This placement succeeded in reducing foaming and turbidity during operations. The bag was also customized to allow an attached vent filter to be held upright to prevent it from wetting out. This was accomplished by creating a hole below the handle bar through which a hose barb connected to the vent filter could be secured in an upright position.

## Concept

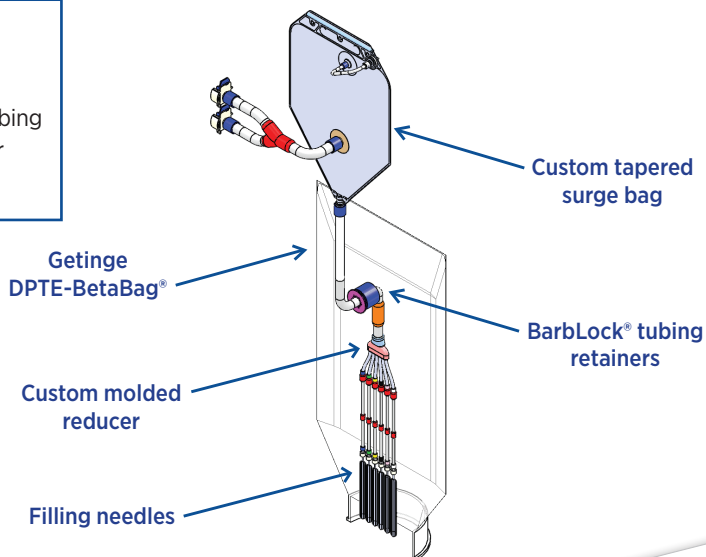


Contact us for help with your bag assembly challenges at [sales.plymouth@saint-gobain.com](mailto:sales.plymouth@saint-gobain.com)

## Design

### Components

- 5L surge bag
- Pure-Fit® SPT-60L long pump life silicone tubing
- Custom, molded, multi-leg, silicone reducer
- Getinge DPTE-BetaBag®



Creating highly customized solutions that meet the exacting needs of our customers' demanding applications.

