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13

**Contain-It™ Access Chamber
Close-it Batching Valve
Product – Plastic Pellets
Case History 3S-1213**

Background:

A customer with an existing bulk bag unloader was looking for a way to automatically batch product that would ensure the safety of his operators. After consultation with 3Sigma a Contain-It™ system was purchased.

Customer Needs:

- Automatically batch from a bulk bag to the process
- Ensure the safety of the operator
- Eliminate contamination

Solution:

- The bulk bag discharge spout is placed within the Tube-It™, within the chamber, which then delivers the product, in a sealed system, to the process below.
- The Tube-It™ was designed to provide a tight seal between it and the bulk bag spout and is then tapered to match the client's 4" piping.
- A Contain-It™ chamber with our Close-It™ valve system was provided, 304 SS construction.
- The Close-It™ valve operates in a fast/dribble mode of operation. The system opens completely and when the dribble amount is reached, the valve closes 70% until the final batch set point is reached, then closing fully.
- The Close-It™ can actuate only when the door is closed, thereby protecting operators.

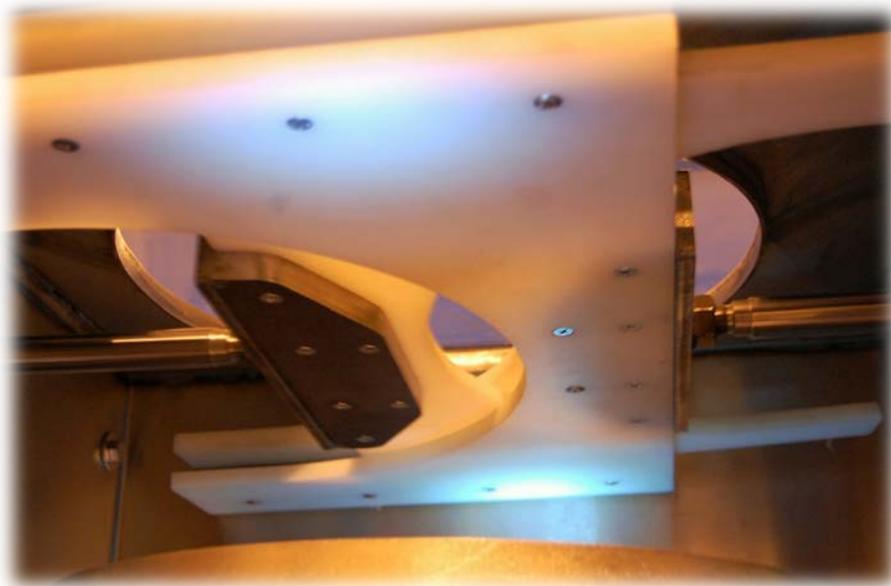


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Close-It™ Valve Fully Open



Close-It™ Valve Partially Closed



BETTER BY DESIGN™

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