

PVI00591EN_V01

Containment Liner System

For closed filling and emptying of flexible containers

- Especially adapted for the absolutely dust-free and closed emptying and filling from pharmacological and toxic hazardous products in flexible packaging, especially Big-Bag with In-Liner.
- High containment level, up to OEB 5 (OEL < 1µg/m³)
- Highest operator and product protection
- Simple to use, reliable handling and safe to use
- Containment Liner system, thermal cutting/welding scissor and Big-Bag station from one source
- Ex-version according to ATEX available



Big-Bag filling

Function

The unique Containment-Foil System* has been developed for absolutely dust-free and closed emptying and filling of highly-toxic products in flexible packaging, especially Big-Bag's with In-Liner. The multi-layer Novi-Containment Liner used for this application can be peeled on the inside of the foil, and can be welded on the outside of the foil. The Containment-Foil System is easy and safe to operate, has a reliable handling and can be integrated without problems in existing systems and processes.

* patented



empty Big-Bag

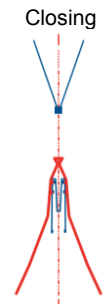
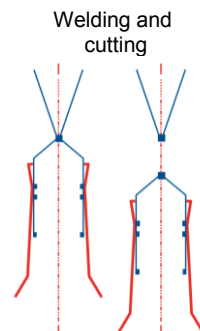
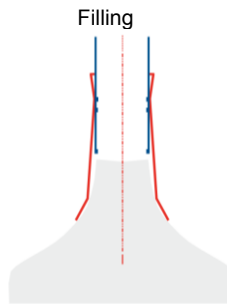
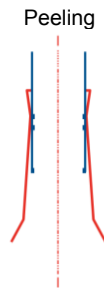
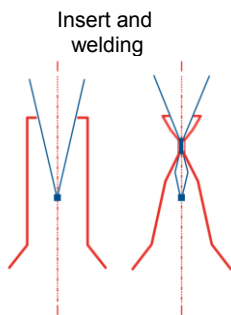
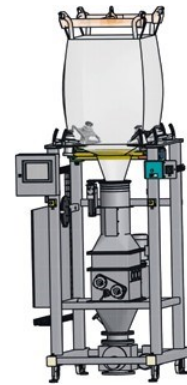
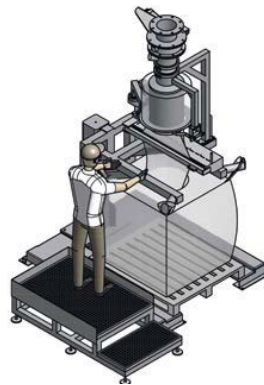
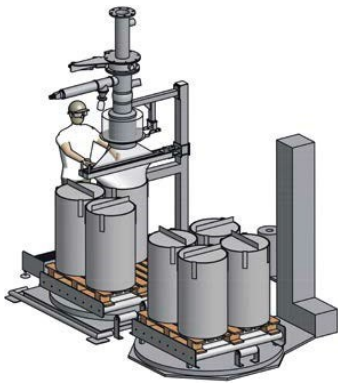


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Technical data

Ø Liner carrier [mm]	Ø Liner [mm]	Foil length [m]	Fold height [mm]	Foil thickness [µm]	Material
200	320	≈ 20	250	120	<ul style="list-style-type: none"> > Polyethylene LDPE > Antistatic version > Approved as per 21 CFR Part 177 «Olefin polymer»
250					
300	450	≈ 25			
350					

Opening pressure of the peel seam: ~30mbar
 Other dimensions, fold heights and foil lengths upon request
 Optional: Foil package production in cleanroom as per class ISO 5, package γ-sterilized



Insert the Containment-Foil into the Big-Bag In-Liner and weld



Open the welded seam with N2 pressure from inside or manually from outside (peel)

Dust-free filling of Big-Bag



Weld the Containment-Foil and cut it with a separating welding seam



Weld the liner end section completely into the Big-Bag In-Liner