Inflatable bag clamp

The flexible connection between filling nozzle and product container

Excessive emission of dust during industrial processes must be avoided. The design of the ROWEFLEX® inflatable bag clamp ensures a dust-proof, quick, easy and hygienic sealing during filling processes of bags, big bags or barrels.

**Advantages** of the ROWEFLEX® inflatable bag clamp:
- Hygienic and dust-free filling
- Wide clamping range
- Problem-free handling
- Long service life
- Available in all standard elastomers and silicone
- Available in ATEX version
- FDA-compliant version available

**Application areas** of the ROWEFLEX® inflatable bag clamp:
- Big Bag filling
- Container filling
- Bag filling
- Sealing of shiftable pipes

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The ROWEFLEx® inflatable bag clamp is available in several versions:

**ROWEFLEx® inflatable bag clamp basic**

Low-cost version for use in industry

- **Product notes**
  - Low-cost version
  - Simple design
  - Wide clamping range
  - Must be secured
    - with a hose clamp

- **Dimensions**
  - From Ø100 onwards, increasing in steps of 10 mm
  - Height: 140 mm
  - Wall thickness: t = 18 mm
  - Number of air connections:
    - up to Ø 300 mm: 1
    - from Ø 300 mm: 2
  - **Layout aid:**
    - Internal diameter of Big Bag filling nozzle
    - minus 70 mm = Inner diameter of inflatable bag clamp

**ROWEFLEx® inflatable bag clamp standard**

Standard version optimised for stability and durability

- **Product notes**
  - Firmly attached without
    - hose clamp
  - High stability due to
    - separate fabric reinforcement
  - Particularly durable
  - Wide clamping range
  - Elastic along the full
    - design height

- **Dimensions**
  - From Ø100 onwards, increasing in steps of 10 mm
  - Height: 135 mm
  - Wall thickness: t = 15 mm
  - Number of air connections:
    - up to Ø 300 mm: 1
    - from Ø 300 mm: 2
  - **Layout aid:**
    - Internal diameter of Big Bag filling nozzle
    - minus 50 mm = Inner diameter of inflatable bag clamp

**ROWEFLEx® inflatable bag clamp safety**

Optimised for high durability and high bursting safety

- **Product notes**
  - High bursting safety
  - Firmly attached without
    - hose clamp
  - High stability due to
    - separate fabric reinforcement
  - Particularly durable
  - Wide clamping range
  - Elastic along the full
    - design height

- **Dimensions**
  - From Ø150 onwards, increasing in steps of 10 mm
  - Height: 150 mm
  - Wall thickness: t = 20 mm
  - Number of air connections:
    - up to Ø 300 mm: 1
    - from Ø 300 mm: 2
  - **Layout aid:**
    - Internal diameter of Big Bag filling nozzle
    - minus 70 mm = Inner diameter of inflatable bag clamp

**ROWEFLEx® inflatable bag clamp are available in the following materials ex factory:**

**Extract from material portfolio**

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<th>Description</th>
<th>Colour</th>
<th>FDA-compliant</th>
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**Order example**

 NK-270-135-15-Standard

<table>
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<tr>
<th>Tip</th>
<th>Wall thickness</th>
<th>Height</th>
<th>Filling nozzle diameter</th>
<th>Material</th>
</tr>
</thead>
</table>

We will gladly advise you with regard to material selection, layout and connection options of the ROWEFLEx® inflatable bag clamp. Special versions and special sizes are possible at any time. Please request the “easyclean” proprietary inflatable bag clamp with quick-change facility for use in the pharmaceutical sector.

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