

# 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:

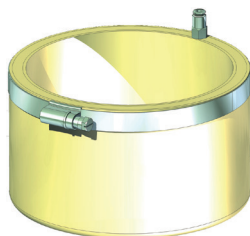
- Big Bag filling
- Container filling
- Bag filling
- Sealing of shiftable pipes

## ROWEFLEX® inflatable bag clamp

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:

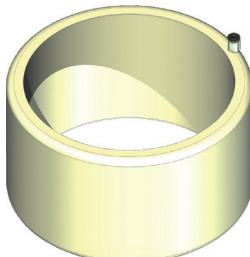
Internal diameter of Big Bag filling nozzle

minus 70 mm = Inner diameter of inflatable bag clamp

Caution: Never blow up the inflatable bag clamp without counter-pressure

### 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:

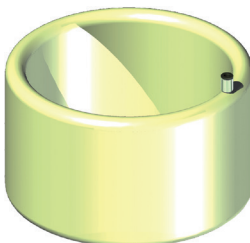
Internal diameter of Big Bag filling nozzle

minus 50 mm = Inner diameter of inflatable bag clamp

Caution: Never blow up the inflatable bag clamp without counter pressure

### 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

Burst-proof to 1.5 bar without counter-pressure

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

#### Extract from material portfolio

ROWEFLEX® Material	Description	Colour	FDA-compliant	Electr. cond.
NK	Natural Rubber	Beige	-	-
NK w	Natural Rubber	White	+	-
PG	Natural Rubber	Grey	-	-
CR w	Chloroprene Rubber	White	+	-
CR sw	Chloroprene Rubber	Black	-	+
EP sw	EPDM Rubber	Black	+	+
EP w	EPDM Rubber	White	+	-
NBR sw	Nitrile Rubber	Black	-	+
NBR w	Nitrile Rubber	White	+	-
SI	Silicone Rubber	Light	+	-

Order example NK-270-135-15-Standard

Material | Filling nozzle diameter | Height | Wall thickness | Typ

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.