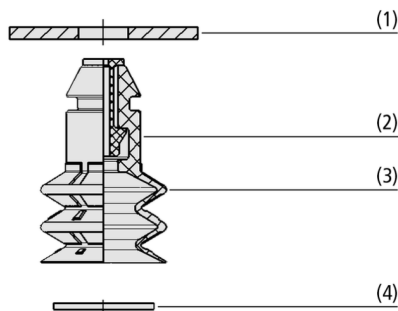


Bellows Suction Cups SPB2 P (2.5 Folds)

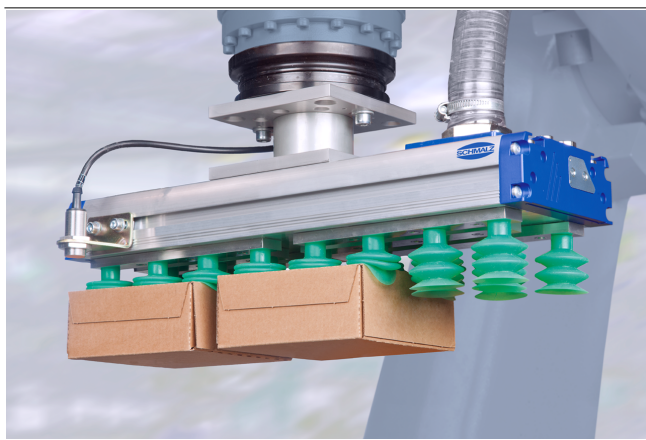
Suction area (Ø) 20 mm and 40 mm



Bellows Suction Cups SPB2 P (2.5 Folds)



System Design Bellows Suction Cups SPB2 P (2.5 Folds)



Bellows suction cups SPB2 P being used for handling of cardboard boxes

Suitability for Industry Specific Applications

Applications

- Round bellows suction cup with 2.5 folds used for palletizing and depalletizing processes in the packaging industry
- Handling of packaging materials such as cardboards, rigid and flexible packaging
- Handling of blister packaging, shrink-wrapped products, plastic bags or trays
- Used in area gripping systems and "suction cup carpets"; optionally integrated flow resistances to reduce leakage occurring at partial occupancy

Design

- Round bellows suction cup SPB2 P with 2.5 folds (3) and soft, flexible sealing lip
- Integrated flow restrictor (2) with diameters from 0.8 to 1.5 mm
- Machine side existing hole for tool-free assembly through push-in function (1)
- Optional integration of filter screen (4) as a pre-filter (120 µm filter pore size)

Product Highlights

- Fast, tool-free installation and removal through push-in function
- Flexible sealing lip optimized for cardboard boxes, packaging material and other unstable surfaces
- Soft bellows suction with large stroke at low restoring force ideal for use in gripping systems
- FDA compliant silicone SI allows direct food contact

Bellows Suction Cups SPB2 P (2.5 Folds)

Suction area (Ø) 20 mm and 40 mm

Designation Code Bellows Suction Cups SPB2 P (2.5 Folds)

SPB2	-	20	-	SI-40	-	P
1		2		3		4

1 – Abbreviated designation

Code	Version
SPB2	2.5 folds

2 – Suction area

Code	Diameter in mm
20...40	ø 20 to 40

3 – Material and Shore hardness

Code	Material
SI-40	Silicone
SI-55	Silicone

4 – Connection

Code	Connection
P	Push-in function

Bellows suction cup SPB2 P is delivered as a ready to connect component. Available in different diameters as single component or with integrated flow restrictor.

Available spare parts: flow restrictor

Available accessories: filter screen

Ordering Data Bellows Suction Cups SPB2 P (2.5 Folds)

Type	Part no.
SPB2 20 SI-40 P	10.01.06.03125
SPB2 40 SI-55 P	10.01.06.03126

Ordering Data Accessories Bellows Suction Cups SPB2 P (2.5 Folds)

Type	Accessories	Part no.
SPB2 20	Filter disc FD 16 120	10.01.06.02565
SPB2 40	Filter disc FD 34 120	10.01.06.02572

Technical Data Bellows Suction Cups SPB2 P (2.5 Folds)

Type	Suction force (-600 mbar) [N]	Pull-off force [N]	Volume [cm ³]	Workpiece radius min. (convex) [mm]
SPB2 20 SI-40 P	4.91	8	2.5	25
SPB2 40 SI-55 P	14.90	40	22.0	75