

## BX35P

### Suction cup with 2½ bellows

- Suitable for level adjustment and for uneven and porous surfaces such as cardboard, etc.
- In the two-coloured suction cup the bellows and the sealing lip are of different hardnesses, which makes the suction cup strong and stable and, at the same time, soft and flexible.
- DURAFLEX® suction cups manufactured in a specially developed material that features the elasticity of rubber and wear resistance of polyurethane.
- The material DURAFLEX® is mark free.

#### Lifting forces & Technical data

Material	Lifting force vertical to the surface, N, at vacuum level			Lifting force parallel to the surface, N, at vacuum level			Volume cm <sup>3</sup>	Min. curve radius mm	Max. vertical movement mm	Weight rubber part g
	20 -kPa	60 -kPa	90 -kPa	20 -kPa	60 -kPa	90 -kPa				
PU30°/60°	12.0	20.0	28	14.0*	27*	34*	10.0	10.0	14.0	8.0
PU60°	15.0	25	30	22.0*	30*	36*	10.0	10.0	14.0	8.0

\*The suction cup is not intended for handling shear lifts. The values are given as a dimensioning guide to be used when, e.g., the acceleration/retardation causes shear forces.

#### Material specifications

Material	Colour	Hardness °Shore A	Temperature range °C
Polyurethane, PU30	Yellow transparent	30	10–50
Polyurethane, PU60	Green transparent	60	10–50

#### Material resistance

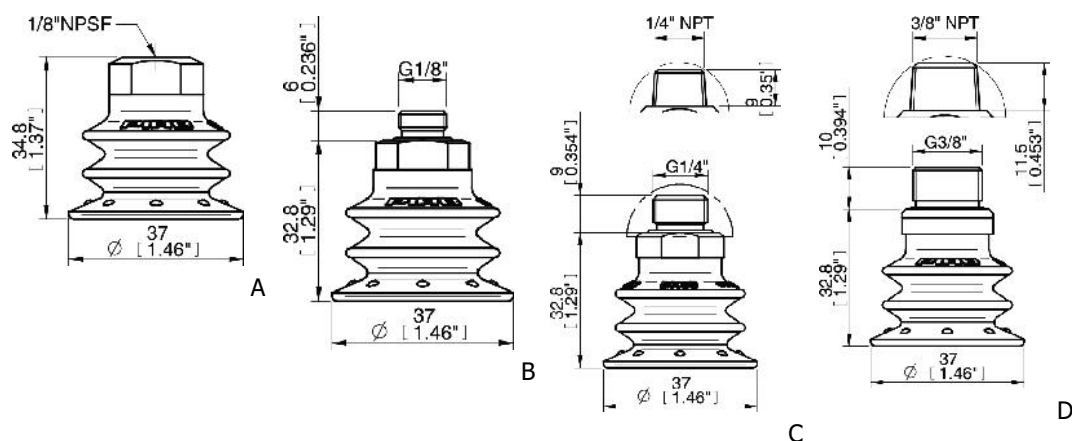
Wear resistance	Oil	Weather & ozone	Hydrolysis	Petrol	Concentrated acids	Ethanol	Methanol	Oxidation
Excellent	Excellent	Excellent	Fair**	Fair	Fair**	Fair	Poor	Poor

\*\*Please contact Piab.

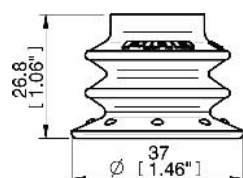
Spare Part	Material	Temperature range °C	Art. No.
Suction cup filter BX35P, 10 pcs	Polyester/TPE	-40-90	0201001

## Ordering information

Complete suction cups		Art. No.
A	Suction cup BX35P Polyurethane 30/60 with filter, 1/8" NPSF female	0106604
A	Suction cup BX35P Polyurethane 30/60 with filter, 1/8" NPSF female, with dual flow control valve	0106605
B	Suction cup BX35P Polyurethane 30/60 with filter, G1/8" male, with mesh filter	9912151
C	Suction cup BX35P Polyurethane 30/60 with filter, G1/4" male, with mesh filter	0114449
C	Suction cup BX35P Polyurethane 30/60 with filter, 1/4" NPT male, with mesh filter	0107563
C	Suction cup BX35P Polyurethane 30/60 with filter, 1/4" NPT male, with dual flow control valve	9909193
D	Suction cup BX35P Polyurethane 30/60 with filter, G3/8" male, with mesh filter	0107377
D	Suction cup BX35P Polyurethane 30/60 with filter, G3/8" male, mesh filter, dual flow control valve	0107378
D	Suction cup BX35P Polyurethane 30/60 with filter, 3/8" NPT male, with mesh filter	9906975
D	Suction cup BX35P Polyurethane 30/60 with filter, 3/8" NPT male, with dual flow control valve	9909194
A	Suction cup BX35P Polyurethane 60 with filter, 1/8" NPSF female	0107561
A	Suction cup BX35P Polyurethane 60 with filter, 1/8" NPSF female, with dual flow control valve	0107562
B	Suction cup BX35P Polyurethane 60 with filter, G1/8" male, with mesh filter	9912152
C	Suction cup BX35P Polyurethane 60 with filter, 1/4" NPT male, with mesh filter	0107567
C	Suction cup BX35P Polyurethane 60 with filter, 1/4" NPT male, with dual flow control valve	9909190
D	Suction cup BX35P Polyurethane 60 with filter, G3/8" male, with mesh filter	0107379
D	Suction cup BX35P Polyurethane 60 with filter, G3/8" male, with mesh filter and dual flow control valve	0107380
D	Suction cup BX35P Polyurethane 60 with filter, 3/8" NPT male, with mesh filter	9909187
D	Suction cup BX35P Polyurethane 60 with filter, 3/8" NPT male, with dual flow control valve	9909191



Rubber parts		Art. No.
Suction cup BX35P Polyurethane 30/60, with filter		0106619
Suction cup BX35P Polyurethane 60, with filter		0107376
Suction cup BX35P, Polyurethane 30/60		0106292
Suction cup BX35P, Polyurethane 60		0107477



## Fittings

Art. No.

Fitting 1/8" NPSF female, 30–40	3250005
Fitting 1/8" NPSF female, 30–40, with dual flow control valve	3251006
Fitting G1/8" male, 40, with mesh filter	0200714
Fitting G1/4" male, 30–40, with mesh filter	3250091
Fitting 1/4" NPT male, with mesh filter	3250093
Fitting 1/4" NPT male, with dual flow control valve	3251008
Fitting G3/8" male, 30–40, with mesh filter	3250086
Fitting G3/8" male, 30–40, with mesh and dual flow control valve	3251009
Fitting 3/8" NPT male, with mesh filter	3250089
Fitting 3/8" NPT male, with dual flow control valve	3251010

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