

BX25P



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 ³	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°	8.0	13.0	18.0	5.0*	10.0*	12.0*	3.0	6.0	8.5	3
PU60°	9.0	14.0	18.0	7.0*	11.0*	15.0*	3.0	8.0	8.5	3

*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

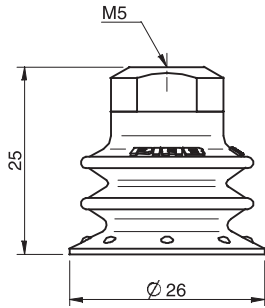
Material resistance

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

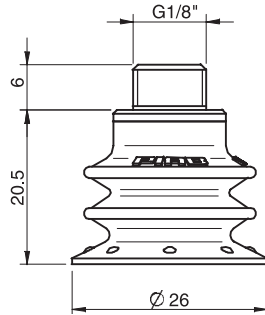
**Please contact Piab.

Ordering information

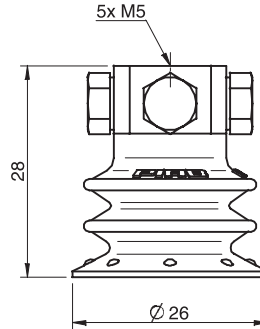
Complete suction cups		Art. No.
A	Suction cup BX25P Polyurethane 30/60 with filter, M5 female	0109404
B	Suction cup BX25P Polyurethane 30/60 with filter, G1/8" male / M5 female	0109402
B	Suction cup BX25P Polyurethane 30/60 with filter, G1/8" male / M5 female, with dual flow control valve	0109403
C	Suction cup BX25P Polyurethane 30/60 with filter, 5xM5 female	0109405
D	Suction cup BX25P Polyurethane 30/60 with filter, G1/8" male	0114131
A	Suction cup BX25P Polyurethane 60 with filter, M5 female	0109400
B	Suction cup BX25P Polyurethane 60 with filter, G1/8" male / M5 female	0109398
C	Suction cup BX25P Polyurethane 60 with filter, 5xM5 female	0109401
D	Suction cup BX25P Polyurethane 60 with filter, G1/8" male	0114149



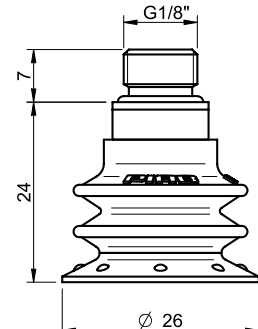
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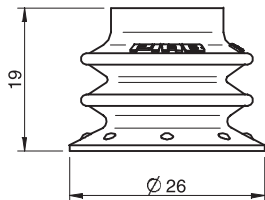
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DURAFLEX®
Single and dual

Rubber parts		Art. No.
Suction cup BX25P Polyurethane 30/60		0109006
Suction cup BX25P Polyurethane 30/60, with filter		0109312
Suction cup BX25P Polyurethane 60		0108240
Suction cup BX25P Polyurethane 60, with filter		0109397



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Fittings		Art. No.
Fitting M5 female		3250003
Fitting M5 female, with dual flow control valve		3251001
Fitting G1/8" male, with mesh filter		3250085
Fitting G1/8" male/M5 female		3250004
Fitting G1/8" male/M5 female, with dual flow control valve		3251004
Fitting 5xM5 female		0100260
Fitting 5xM5 female, with dual flow control valve		3251005

Spare Part	Material	Temperature range °C	Art. No.
Filter for BX25P	Polyester/TPE	-40-90	0109311