

# Suction cup BX35P Polyurethane 30/60 with filter, 1/8" NPSF female

Article number: 0106604



- 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.

Technical data

Description	Unit	Value
Suction cup shape	-	Multibellows
Application	-	Dry sheet metal, Corrugated / cardboard, Plastic injection molded parts, Mark Free
Suction cup design	-	Round
Characteristics	-	Dry sheet metal, Corrugated / cardboard, Plastic injection molded parts, Mark free
Material	-	Polyurethane (PU)
Weight, min.	g	8
Suction cup model	-	BX-P
Volume	cm³	10
Height	mm	34.8
Outer diameter, min.	mm	37
Fitting size	-	1/8"
Fitting option	-	Filter disc
Fitting style	-	Female
Fitting type	-	NPSF-thread
Suction cup model	-	BX35P PU30 PU60
Movement, vertical max.	mm	14
Curve radius, min.	mm	10

Performance - Lifting forces

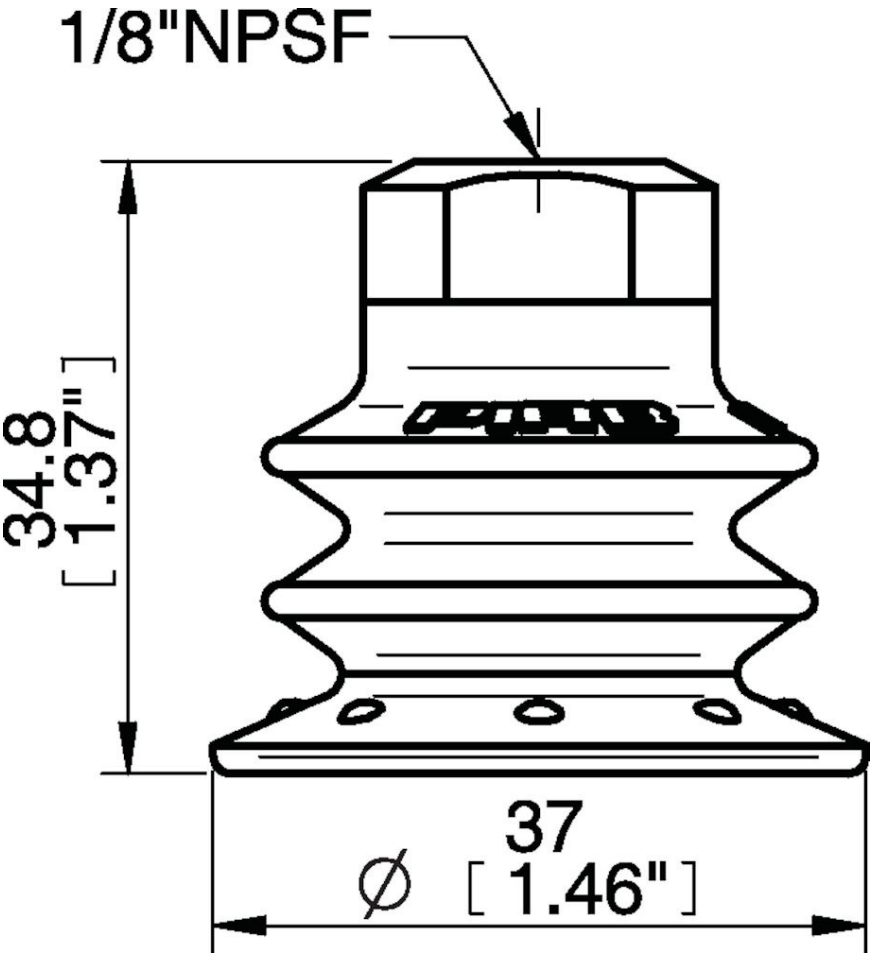
BX35P PU30 PU60	Vertical (N)	Parallel (N)
20 -kPa	12	11
60 -kPa	20	19
90 -kPa	28	26

<b>Material</b>		
Name	Polyurethane (PU30)	Polyurethane (PU60)
Colour	Yellow	Green transparent
Temperature, min.   °C	10	10
Temperature max.   °C	50	50
Hardness   °Shore A	30	60

**Material resistance**

Alcohol	n/a	n/a
Concentrated acids	Fair	Fair
Ethanol	Fair	Fair
Hydrolysis	Fair	Fair
Methanol	Poor	Poor
Oil	Excellent	Excellent
Oxidation	Poor	Poor
Petrol	Fair	Fair
Wear resistance	Excellent	Excellent
Weather and ozone	Excellent	Excellent

**Dimensional drawings**



Values specified in this data sheet are tested at (unless otherwise stated):

- Room temperature (20°C [68°F] ± 3°C [5.5°F]).
- Standard atmosphere (101.3 [29.9 inHg] ± 1.0 kPa [0.3 inHg]).
- Relative humidity 20-70%.
- Compressed air quality, DIN ISO 8573-1 class 4.

**Accessories**

- 0101153 | Fitting 1/8" NPSF female, 30–40, with mesh filter
- 0106292 | Suction cup BX35P, Polyurethane 30/60
- 0107376 | Suction cup BX35P Polyurethane 60, with filter
- 0107477 | Suction cup BX35P, Polyurethane 60
- 0200714 | Fitting G1/8" male, 40, with mesh filter
- 3250086 | Fitting G3/8" male, 30–40, with mesh filter
- 3250089 | Fitting 3/8" NPT male, with mesh filter
- 3250091 | Fitting G1/4" male, 30–40, with mesh filter
- 3250093 | Fitting 1/4" NPT male, with mesh filter
- 3251006 | Fitting 1/8" NPSF female, 30–40, with dual flow control valve
- 3251007 | Fitting G1/4" male, 30–40, with mesh filter and dual flow control valve
- 3251008 | Fitting 1/4" NPT male, with dual flow control valve
- 3251009 | Fitting G3/8" male, 30–40, with mesh and dual flow control valve
- 3251010 | Fitting 3/8" NPT male, with dual flow control valve

**Spare parts**

- 0106619 | Suction cup BX35P Polyurethane 30/60, with filter
- 3250005 | Fitting 1/8" NPSF female, 30–40
- 0201001 | Suction cup filter BX35P, 10 pcs