

# Datasheet

## Suction cup BX10P Polyurethane 30/60

Item number: BX10P.4K



- Suitable for level adjustment and for uneven and porous surfaces such as cardboard, etc.
- In the two-colored 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/Paperboard, 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.	oz	0.035
Suction cup model	-	BX-P
Volume	in <sup>3</sup>	0.034
Height	in	0.65
Outer diameter, min.	in	0.43
Fitting size	-	None
Fitting option	-	None
Fitting style	-	None
Fitting type	-	None
Suction cup model	-	BX10P PU30 PU60
Movement, vertical max.	in	0.18
Curve radius, min.	in	0.16

### Performance - Lifting forces

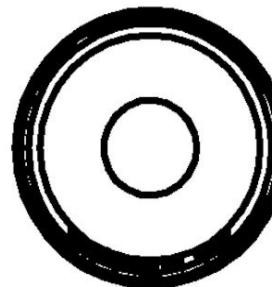
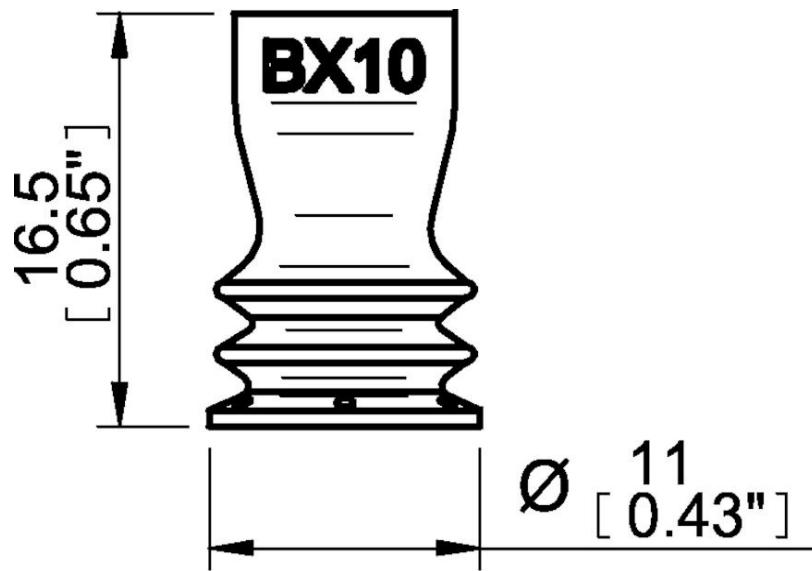
BX10P PU30 PU60	Vertical (lb)	Parallel (lb)
5.91 -inHg	0.22	0.36
17.72 -inHg	0.52	0.47
26.58 -inHg	0.83	0.54

<b>Material</b>		
Name	Polyurethane (PU30)	Polyurethane (PU60)
Color	Yellow	Green transparent
Temperature, min.   °F	50.0	50.0
Temperature max.   °F	122.0	122.0
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
Gasoline	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

01AC | Fitting M5 male, 10-15