



Item no: 0118505

## Suction cup BX15P Polyurethane 30/60

Suitable for uneven and porous surfaces such as cardboard, etc. DURAFLEX® suction cups are manufactured in a specially developed material that features the elasticity of rubber and wear resistance of polyurethane. The material of the DURAFLEX® is mark-free.

- 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.



### General

|                          |   |
|--------------------------|---|
| Item number, alternative | E12031530   |
| Application              | CorrugatedCardboard, MarkFree, PlasticInjectionMoldedParts, DrySheetMetal |
| Suction cup shape        | Multibellows  |
| Material                 | PU30, PU60  |
| Suction cup model        | BX-P  |
| Weight                   | 1.15 g  |
| Volume                   | 0.92 cm <sup>3</sup>  |
| Suction cup model        | BX15P PU30 PU60   |
| Movement, vertical max.  | 5.5 mm  |
| Curve radius, min.       | 5.5 mm  |

### Fitting

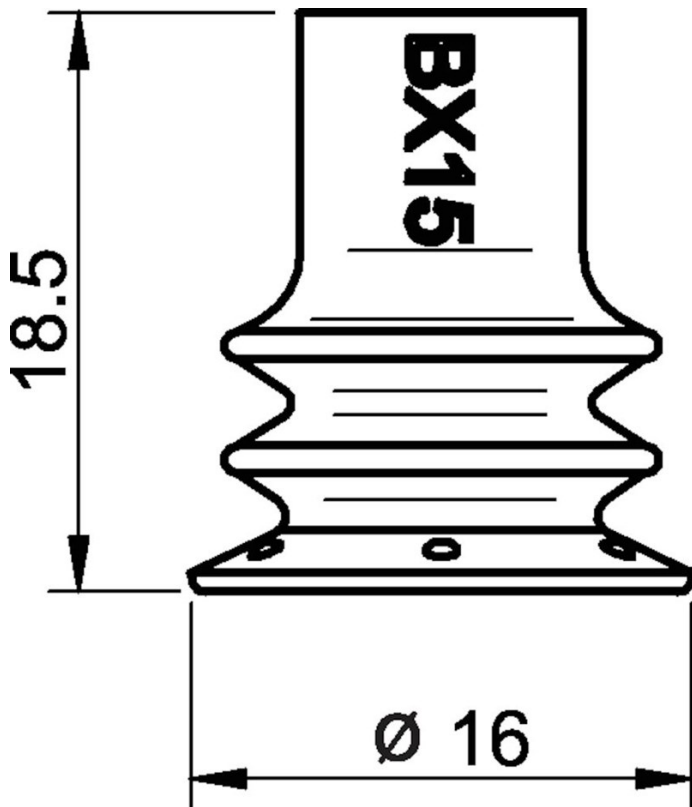
|                |      |
|----------------|------|
| Fitting option | None |
| Fitting size   | None |
| Fitting style  | None |
| Fitting type   | None |

|                |         |  |
|----------------|---------|--|
| Dimension      |         |  |
| Height         | 18.5 mm |  |
| Outer diameter | 16 mm   |  |

|                              |       |   |  |
|------------------------------|-------|---|--|
| Performance - lifting forces |       |   |  |
|                              | BX15P | PU30  | PU60   |
|                              |       |  |  |
| 20 -kPa                      |       | 2 N   | 1.63 N   |
| 60 -kPa                      |       | 4 N   | 3.4 N  |
| 90 -kPa                      |       | 4.5 N   | 3.7 N  |

|             |             |  |                  |
|-------------|-------------|--|------------------|
| Material    |             |  |                  |
| Name        | PU30        |  | PU60             |
| Colour      | Yellow      |  | GreenTransparent |
| Temperature | 10 - 50 °C  |  | 10 - 50 °C       |
| Hardness    | 30 °Shore A |  | 60 °Shore A      |

|                    |      |      |
|--------------------|------|------|
|                    | PU30 | PU60 |
| Alcohol            | n/a  | n/a  |
| Concentrated acids | +    | +    |
| Ethanol            | +    | +    |
| Hydrolysis         | +    | +    |
| Methanol           | -    | -    |
| Oil                | +++  | +++  |
| Oxidation          | -    | -    |
| Petrol             | +    | +    |
| Wear resistance    | +++  | +++  |
| Weather and ozone  | +++  | +++  |



Values specified in the data sheet are tested at:

- 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: 0-100%
- Compressed air quality: DIN ISO 8573-1 class 4

#### Accessories

3107030 | Fitting M5 male, 10–15