

Suction cup BX20P Polyurethane 30/60, 0118507

- 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 | E12032030 |
| Curve radius | 10 mm |
| Movement, vertical max. | 7.5 mm |
| Application | Mark Free, Plastic injection molded parts, Dry sheet metal, Corrugated / cardboard |
| Material | Polyurethane (PU30), Polyurethane (PU60) |
| Suction cup model | BX-P |
| Suction cup shape | Multibellows |
| Volume | 1.16 cm ³ |
| Weight | 1.43 g |

Fitting

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

Dimension

| | |
|----------------|---------|
| Height | 15.2 mm |
| Outer diameter | 21 mm |

Performance — lifting forces

| |  |  |
|---------|---|---|
| 20 -kPa | 4.5 N | 4 N |
| 60 -kPa | 7 N | 5.6 N |
| 90 -kPa | 9.5 N | 6.5 N |

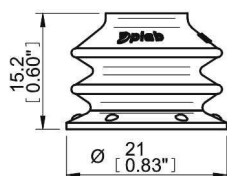
Material

| | Polyurethane (PU30) | Polyurethane (PU60) |
|-------------|---------------------|---------------------|
| Colour | Yellow | Green transparent |
| Hardness | 30 °Shore A | 60 °Shore A |
| Temperature | 10 – 50 °C | 10 – 50 °C |

Material resistance

| | Polyurethane (PU30) | Polyurethane (PU60) |
|--------------------|---------------------|---------------------|
| Alcohol | N/A | N/A |
| Concentrated acids | + | + |
| Ethanol | + | + |
| Hydrolysis | + | + |
| Methanol | - | - |
| Oil | +++ | +++ |
| Oxidation | - | - |
| Petrol | + | + |
| Wear resistance | +++ | +++ |
| Weather and ozone | +++ | +++ |

Dimensional drawings



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

| | Item no. |
|--|----------|
| Fitting 1/8" NPT male, with mesh filter | 3250088 |
| Fitting M5 female | 3250003 |
| Fitting G1/8" male, with mesh filter | 3250085 |
| Fitting 5xM5 female | 0100260 |
| Fitting G1/8" male/M5 female, with mesh filter | 0101152 |
| Fitting G1/8" male/M5 female, with dual flow control valve | 3251004 |