

# Suction cup VL60BX, G3/8"-G1/4"

Item number: 02.02.743



- Suitable for level adjustment.
- Several short bellows in one lifting device can handle objects with height differences and varying shapes, for example embossed or corrugated plates
- The lifting movement can be used to separate small and thin objects
- Only light weight objects should be handled when the lifting force is parallel to the surface of the object in order to achieve good precision and safe lifting movement
- Volume discounts available for big packs from 30-99 pieces with an even larger discount for big packs of 100 pieces and above
- PVC-free recycable material

Technical data

| Description              | Unit | Value        |
|--------------------------|------|--------------|
| Suction cup shape        | -    | Bellows      |
| Suction cup design       | -    | Round        |
| Material                 | -    | TPE          |
| Suction cup model        | -    | BX-P         |
| Height (B)               | in   | 2.055        |
| Height 2 (D)             | in   | 0.71         |
| Inner diameter (C)       | in   | 0.47         |
| Outer diameter, min. (A) | in   | 2.28         |
| Fitting size             | -    | 3/8", 1/4"   |
| Fitting option           | -    | None         |
| Fitting style            | -    | Female/Male  |
| Fitting type             | -    | G-thread     |
| Suction cup model        | -    | VL60BX TPE-U |

Performance - Lifting forces

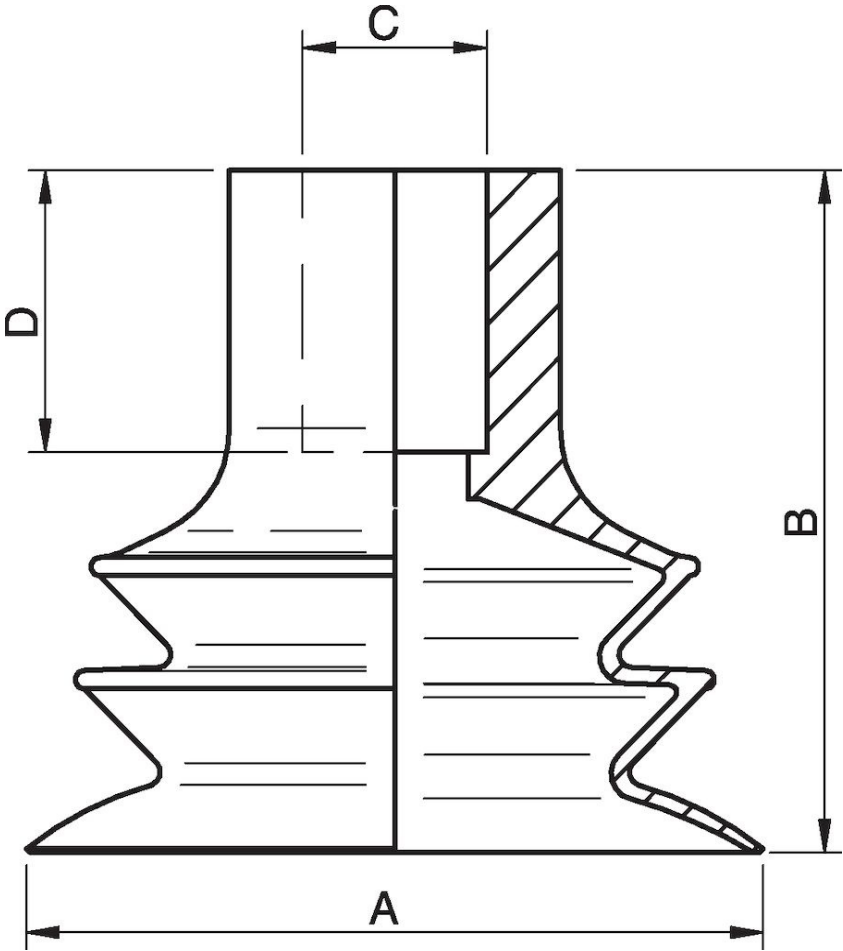
| VL60BX TPE-U | Vertical (lb) | Parallel (lb) |
|--------------|---------------|---------------|
| 14.76 -inHg  | 13.49 N       |               |

|                        |        |
|------------------------|--------|
| <b>Material</b>        |        |
| Name                   | TPE-U  |
| Color                  | Purple |
| Temperature, min.   °F | 32.0   |
| Temperature max.   °F  | 140.0  |
| Hardness   °Shore A    | 65     |

**Material resistance**

|                    |     |
|--------------------|-----|
| Alcohol            | n/a |
| Concentrated acids | n/a |
| Ethanol            | n/a |
| Hydrolysis         | n/a |
| Methanol           | n/a |
| Oil                | n/a |
| Oxidation          | n/a |
| Gasoline           | n/a |
| Wear resistance    | n/a |
| Weather and ozone  | n/a |

**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**

02.02.159 | Fitting VL D=Ø12, G1/4" - G1/8"

02.02.163 | Fitting VL D=Ø12, 1/4"NPT - 1/8"NPSF

02.02.167 | Fitting VL D=Ø12, 3/8" NPT - 1/4" NPSF

### **Spare parts**

02.02.165 | Fitting VL D=Ø12, G3/8" - G1/4"

02.02.115 | Suction cup VL60BX