

# Suction cup VL75FC, 3/8"NPT-1/4"NPSF

Item number: 02.02.753



- Suitable for flat or slightly corrugated or curved surfaces
- Good stability and little inherent movement
- Recommended when the lifting force is parallel to the surface of the object
- Cleats prevent thin, sensitive objects from being deformed and gives extra friction when the lifting force is parallel
- Volume discounts available for big packs from 30-99 pieces with an even larger discount for big packs of 100 pieces and above
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- PVC-free recycable material

Technical data

| Description              | Unit | Value                   |
|--------------------------|------|-------------------------|
| Suction cup shape        | -    | Flat Concave            |
| Suction cup design       | -    | Round                   |
| Material                 | -    | TPE                     |
| Suction cup model        | -    | FC                      |
| Height (B)               | in   | 1.51                    |
| Height 2 (D)             | in   | 0.71                    |
| Inner diameter (C)       | in   | 0.47                    |
| Outer diameter, min. (A) | in   | 2.95                    |
| Fitting size             | -    | 3/8", 1/4"              |
| Fitting option           | -    | None                    |
| Fitting style            | -    | Female/Male             |
| Fitting type             | -    | NPT-thread, NPSF-thread |
| Suction cup model        | -    | VL75FC TPE-U            |

Performance - Lifting forces

| VL75FC TPE-U | Vertical (lb) | Parallel (lb) |
|--------------|---------------|---------------|
| 14.76 -inHg  | 25.40 N       |               |

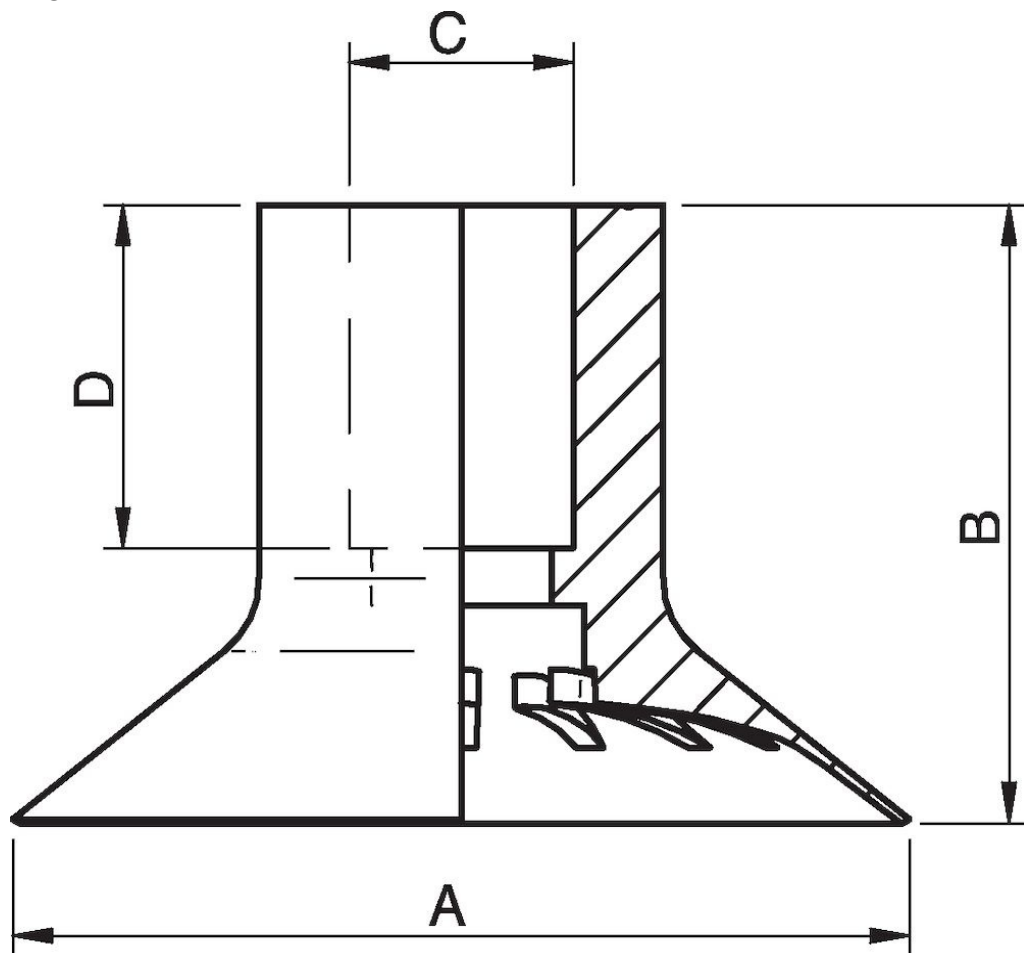
Material

|                        |        |
|------------------------|--------|
| 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"
- 02.02.165 | Fitting VL D=Ø12, G3/8" - G1/4"
- 02.02.163 | Fitting VL D=Ø12, 1/4"NPT - 1/8"NPSF

### Spare parts

- 02.02.103 | Suction cup VL75FC
- 02.02.167 | Fitting VL D=Ø12, 3/8" NPT - 1/4" NPSF