

# Datasheet

## Suction cup VL40FC

Item number: 02.02.100



- 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
- PVC-free recyclable material

### Technical data

Description	Unit	Value
Suction cup shape	-	Flat Concave
Suction cup design	-	Round
Material	-	TPE
Suction cup model	-	FC
Height (B)	in	1.063
Height 2 (D)	in	0.59
Inner diameter (C)	in	0.39
Outer diameter, min. (A)	in	1.57
Fitting size	-	None
Fitting option	-	None
Fitting style	-	None
Fitting type	-	None
Suction cup model	-	VL40FC TPE-U

### Performance - Lifting forces

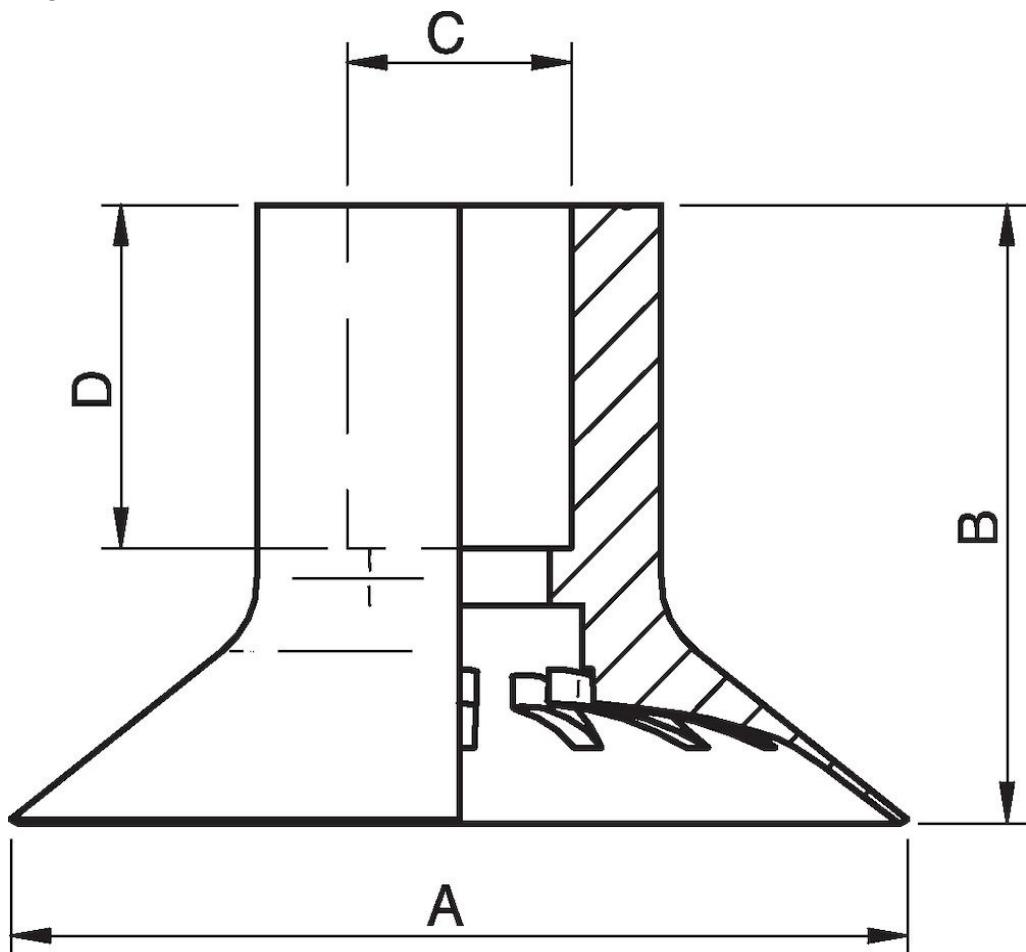
VL40FC TPE-U	Vertical (lb)	Parallel (lb)
14.76 -inHg	8.54 N	

### 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



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

02.02.158 | Fitting VL D=Ø10, G1/4" - G1/8"  
02.02.164 | Fitting VL D=Ø10, G3/8" - G1/4"  
02.02.162 | Fitting VL D=Ø10, 1/4" NPT - 1/8" NPSF  
02.02.166 | Fitting VL D=Ø10, 3/8" NPT - 1/4" NPSF