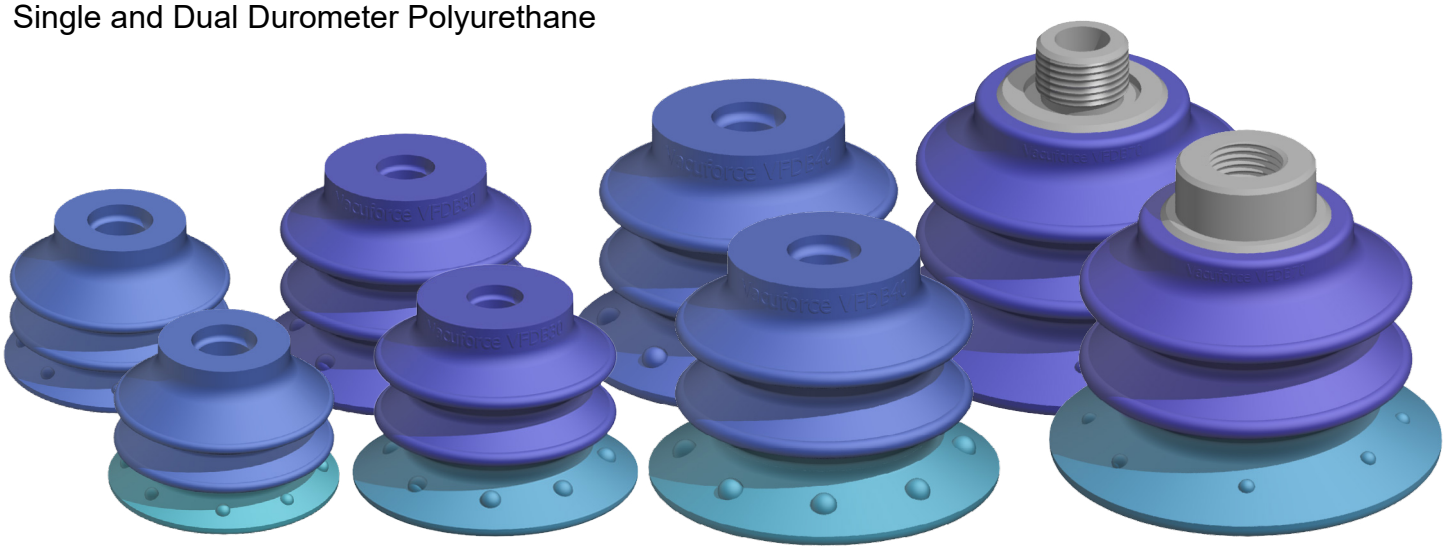
VFDB DOUBLE BELLOWS CUP



- Double Bellows Design
- Compensates for Height Variances in Part Picking
- Can seal on Convex and Concave Surfaces
- Available from 20mm to 70mm Diameter
- Single and Dual Durometer Polyurethane



VFDB	40	DPU
Series	Model / Diameter (mm)	Cup Material

Model	Diameter (mm)
20	20
30	30
40	40
50	50
70	70

Cup Material	
PU	PU 60 Durometer
DPU	Dual PU 30/60 Durometer

For cup material data please refer to vacuforce.com/materials

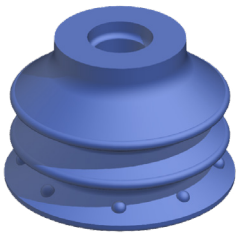
Part number example VFDP40DPU
40mm Diameter double bellows vacuum cup in dual durometer polyurethane compound (30/60 = lip/body)

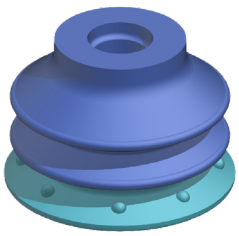
Dual Durometer Vacuum Cups (DPU)
The DPU compound variant of these vacuum cups offer a dual Durometer polyurethane construction. The body of the vacuum cup is a 60 Durometer polyurethane offering rigidity and strength, whereas the lip of the vacuum cup is a 30 Durometer polyurethane offering superior sealing capabilities particularly on rough or curved surfaces.

VFDB20 DOUBLE BELLOWS CUP

- 20mm Diameter (0.787”) double bellows design
- Dual durometer option - rigid 60 durometer body with soft 30 duro lip
- Non marking materials
- Compensates for height variances in part picking
- Can seal on convex and concave surfaces
- Single and dual durometer polyurethane



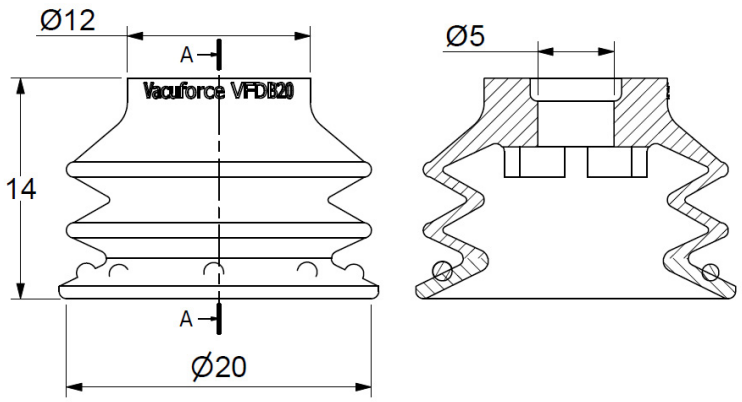




APPLICATIONS

- Small part pick and place
- Plastic and steel handling
- Glass and decorative stone handling
- Cardboard box handling

DIMENSIONS (mm)



VFDB	20	PU
Series	Model / Diameter	Cup Material
	20 / 20	PU: 60 Durometer Polyurethane
		DPU: 30/60 Dual Durometer Polyurethane

Cup Fittings	
Use Fitting Type	C



For cup fittings refer to page 1.86

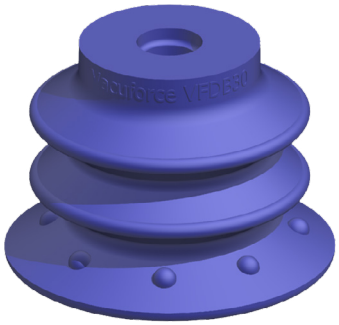
For cup material data please refer to vacuforce.com/materials

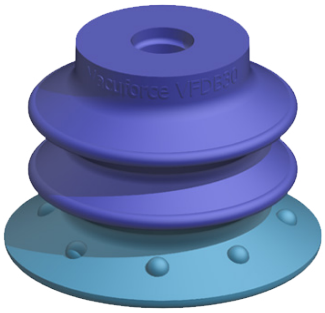
Part number example VFDB20DPU
20mm diameter dual durometer polyurethane diameter double bellows vacuum cup

VFDB30 DOUBLE BELLOWS CUP

- 30mm Diameter (1.18”) double bellows design
- Dual durometer option - rigid 60 durometer body with soft 30 duro lip
- Non marking materials
- Compensates for height variances in part picking
- Can seal on convex and concave surfaces
- Single and dual durometer polyurethane



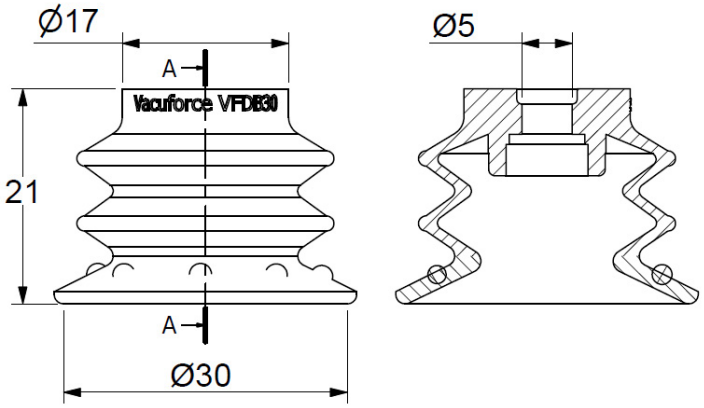




APPLICATIONS

- Small part pick and place
- Plastic and steel handling
- Glass and decorative stone handling
- Cardboard box handling

DIMENSIONS (mm)



VFDB	30	PU
Series	Model / Diameter	Cup Material

Model	Diameter
30	30

Cup Material	
PU	60 Durometer Polyurethane
DPU	30/60 Dual Durometer Polyurethane

Cup Fittings	
Use Fitting Type	C



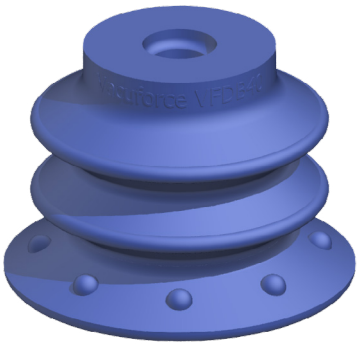
For cup material data please refer to vacuforce.com/materials

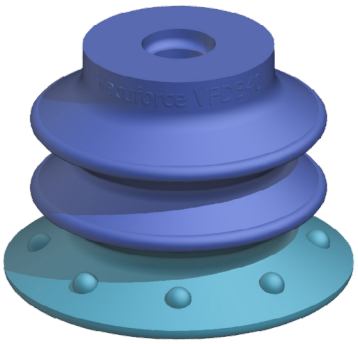
Part number example VFDB30DPU
30mm diameter dual durometer polyurethane diameter double bellows vacuum cup

VFDB40 DOUBLE BELLOWS CUP

- 40mm Diameter (0.787”) double bellows design
- Dual durometer option - rigid 60 durometer body with soft 30 duro lip
- Non marking materials
- Compensates for height variances in part picking
- Can seal on convex and concave surfaces
- Single and dual durometer polyurethane



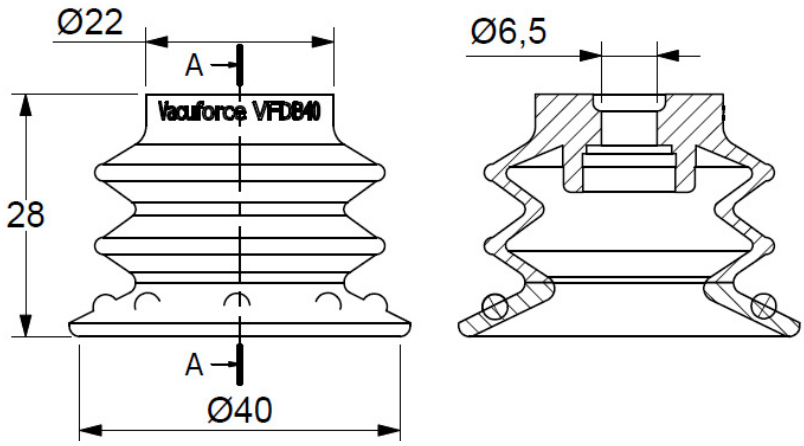




APPLICATIONS

- Small part pick and place
- Plastic and steel handling
- Glass and decorative stone handling
- Cardboard box handling

DIMENSIONS (mm)



VFDB	40	PU
Series	Model / Diameter	Cup Material
	40 / 40	PU: 60 Durometer Polyurethane
		DPU: 30/60 Dual Durometer Polyurethane

Cup Fittings	
Use Fitting Type	D



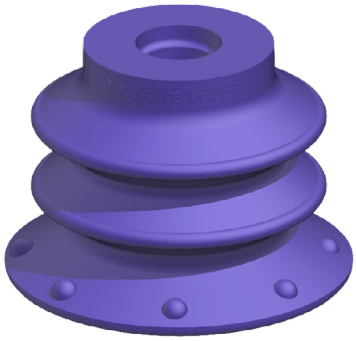
For cup material data please refer to vacuforce.com/materials

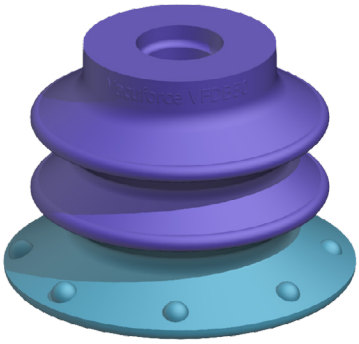
Part number example VFDB40DPU
40mm diameter dual durometer polyurethane diameter double bellows vacuum cup

VFDB50 DOUBLE BELLOWS CUP

- 50mm Diameter (1.97”) double bellows design
- Dual durometer option - rigid 60 durometer body with soft 30 duro lip
- Non marking materials
- Compensates for height variances in part picking
- Can seal on convex and concave surfaces
- Single and dual durometer polyurethane



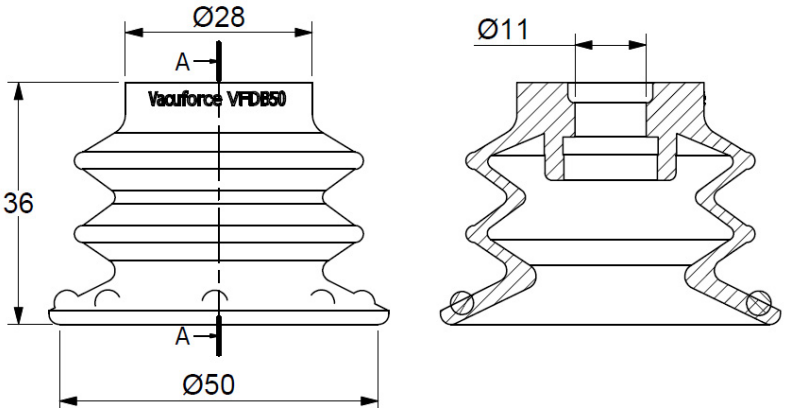




APPLICATIONS

- Small part pick and place
- Plastic and steel handling
- Glass and decorative stone handling
- Cardboard box handling

DIMENSIONS (mm)



VFDB	50	PU
Series	Model / Diameter	Cup Material

Model	Diameter
50	50

Cup Material	
PU	60 Durometer Polyurethane
DPU	30/60 Dual Durometer Polyurethane

Cup Fittings	
Use Fitting Type	E



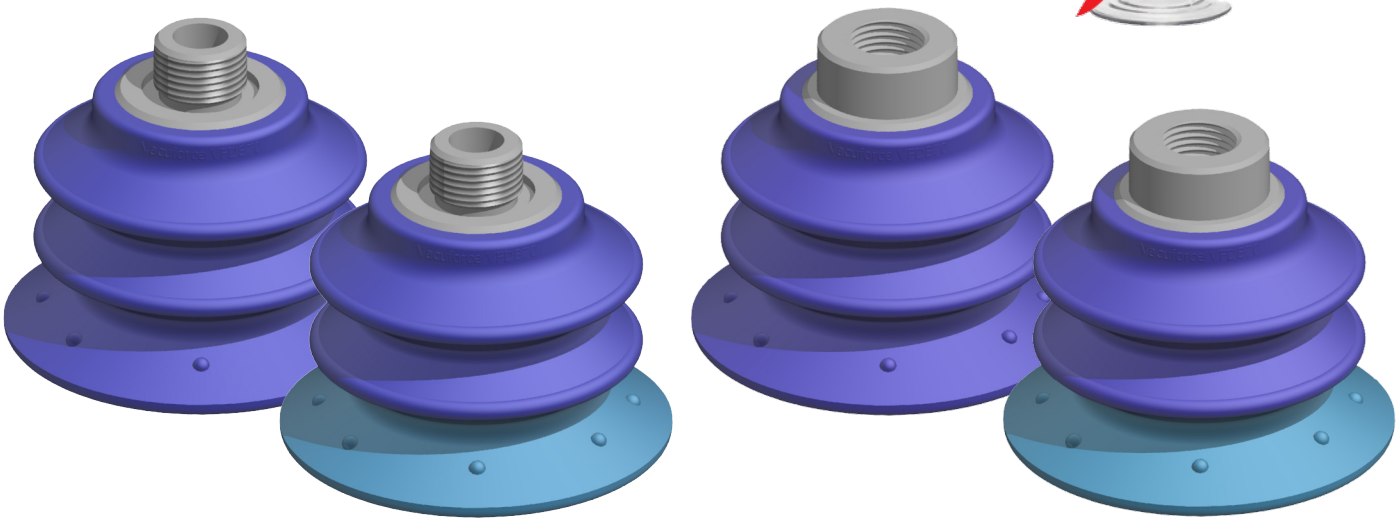
For cup material data please refer to vacuforce.com/materials

Part number example VFDB50DPU
50mm diameter dual durometer polyurethane diameter double bellows vacuum cup

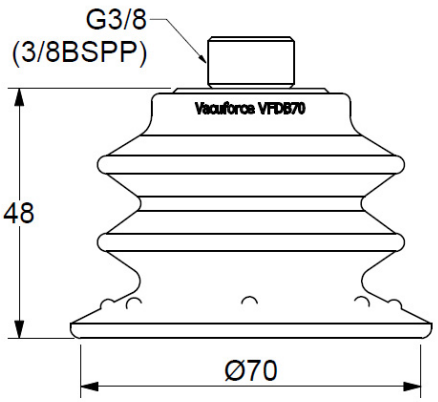
VFDB70 DOUBLE BELLOWS CUP

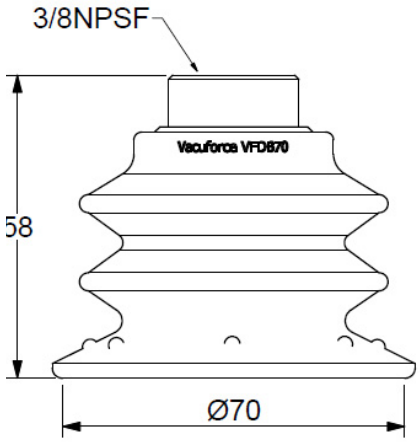
- 70mm Diameter (2.75”) double bellows design
- Dual durometer option - rigid 60 durometer body with soft 30 duro lip
- Non marking materials
- Compensates for height variances in part picking
- Can seal on convex and concave surfaces
- Single and dual durometer polyurethane





DIMENSIONS (mm)





VFDB	70	PU	-	G3/8M
Series	Model / Diameter	Cup Material		Model

Model	Diameter
70	70

Cup Material	
PU	60 Durometer Polyurethane
DPU	30/60 Dual Durometer Polyurethane

Model
G3/8M
3/8NPSF

APPLICATIONS

- Part pick and place
- Plastic and steel handling
- Glass and decorative stone handling
- Cardboard box handling

For cup material data please refer to vacuforce.com/materials

Part number example VFDB70DPU-G3/8M
70mm diameter dual durometer polyurethane diameter double bellows vacuum cup with G3/8 male fitting