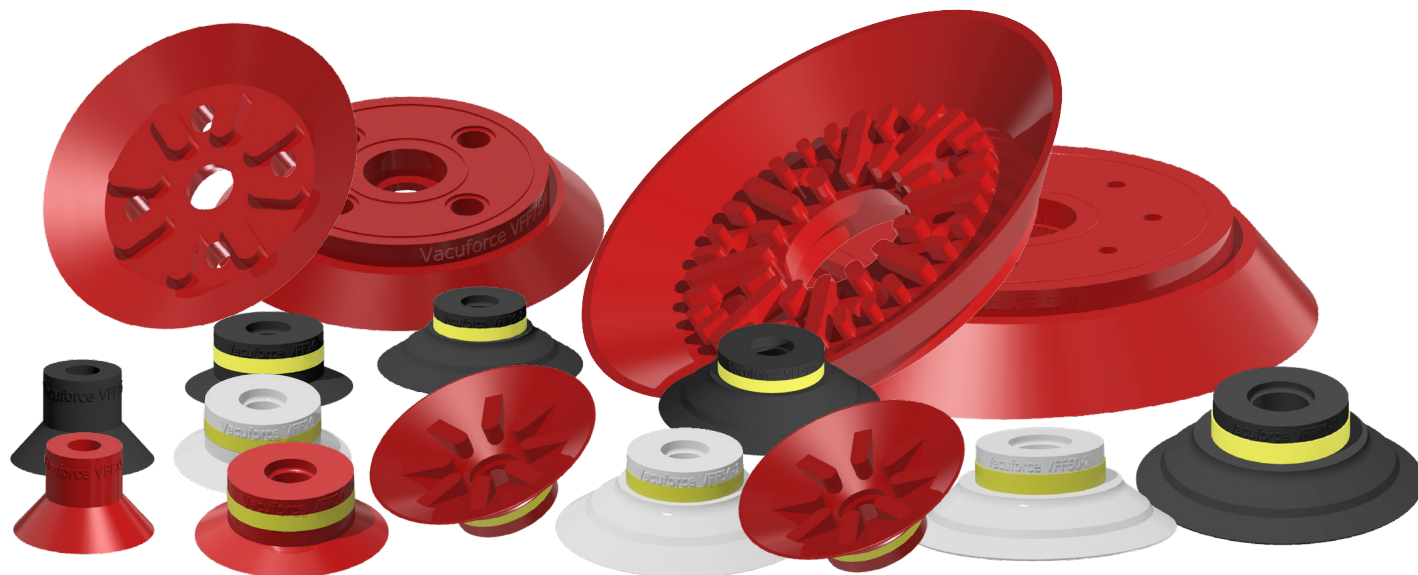


# VFF FLAT CUPS



- Flat design vacuum cup
- Internal cleats for increased grip in lateral movement
- Good for shear movement and grip
- Available from 15mm to 150mm diameter
- NBR and FDA Silicone



VFF	40-2	N
Series	Model	Diameter
	15	15
	20	20
	30-2	30
	40-2	40
	50-2	50
	75W	75
	110W	110
	150W	150
Cup Material		
N	Nitrile	
S	Red Silicone	
ST	White Translucent Silicone	

For cup material data please refer to [vacuforce.com/materials](http://vacuforce.com/materials)

Part number example VFF30-2S 30mm diameter flat vacuum cup in red silicone

## LEVEL COMPENSATORS

Refer to page 1.33 for suitable level compensators for this vacuum cup range.



For cup fittings refer to page 1.86

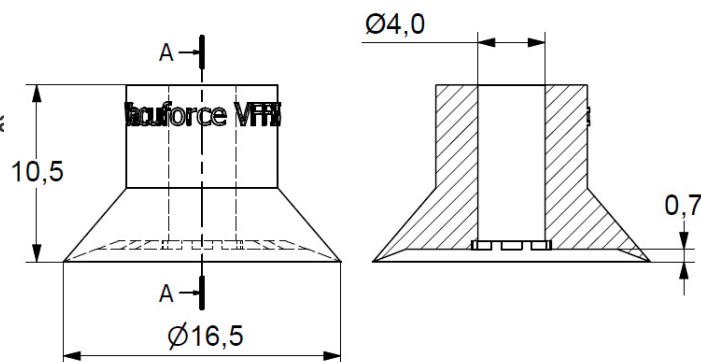
- 16mm Diameter (0.787") flat cup design
- Internal cleats for increased grip in lateral movement
- Good for shear movement and grip
- NBR and FDA Silicone materials



## APPLICATIONS

- Small part pick and place
- Plastic and food packaging
- Direct food contact with silicone material

## DIMENSIONS (mm)



VFF	15	S
Series	Model	Diameter
	15	16.5
Cup Material		
N	Nitrile	
S	Red Silicone	

Cup Fittings	
Use Fitting Type	B

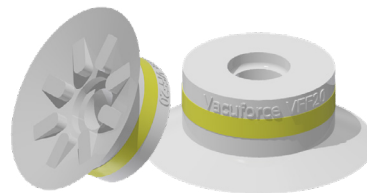
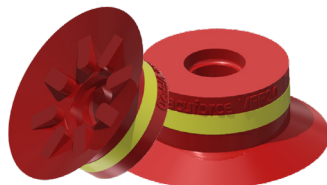
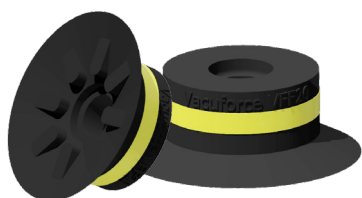
For cup material data please refer to [vacuforce.com/materials](http://vacuforce.com/materials)

Part number example VFF15S  
16.5mm diameter flat vacuum cup in red silicone



For cup fittings  
refer to page 1.86

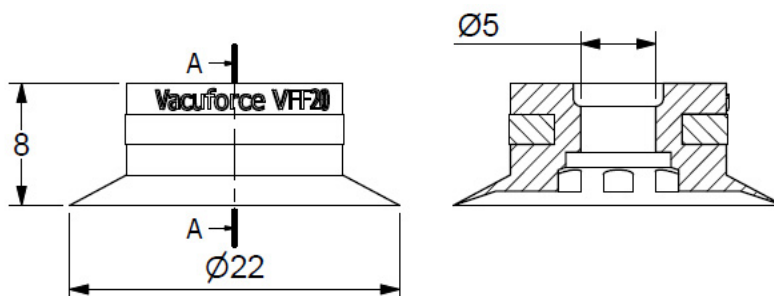
- 22mm Diameter (0.866") flat cup design
- Internal cleats for increased grip in lateral movement
- Good for shear movement and grip
- NBR and FDA Silicone materials



## APPLICATIONS

- Small part pick and place
- Plastic and food packaging
- Direct food contact with silicone materials

## DIMENSIONS (mm)



VFF		20		S	
Series		Model	Diameter	Cup Material	
		20	22	N	Nitrile
				S	Red Silicone
				ST	White Translucent Silicone

Cup Fittings	
Use Fitting Type	C

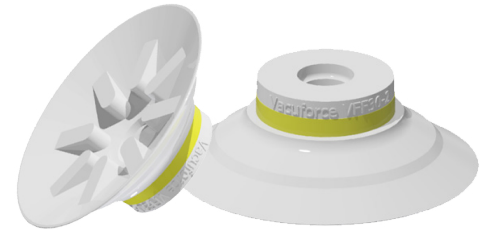
For cup material data please refer to [vacuforce.com/materials](http://vacuforce.com/materials)

Part number example VFF20S  
22mm diameter flat vacuum cup in red silicone



For cup fittings  
refer to page 1.86

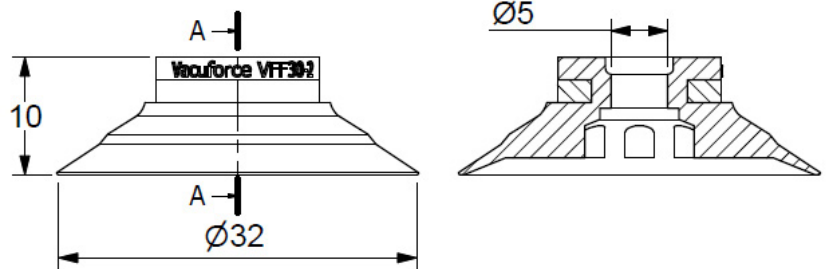
- 32mm Diameter (1.26") flat cup design
- Internal cleats for increased grip in lateral movement
- Good for shear movement and grip
- NBR and FDA Silicone materials



## APPLICATIONS

- Small part pick and place
- Plastic and food packaging
- Direct food contact with silicone materials

## DIMENSIONS (mm)



VFF		30-2		S	
Series		Model	Diameter	Cup Material	
		30	32	N	Nitrile
				S	Red Silicone
				ST	White Translucent Silicone

Cup Fittings	
Use Fitting Type	C

For cup material data please refer to [vacuforce.com/materials](http://vacuforce.com/materials)

Part number example VFF30-2S  
32mm diameter flat vacuum cup in red silicone



For cup fittings  
refer to page 1.86

# VFF40-2 FLAT VACUUM CUP



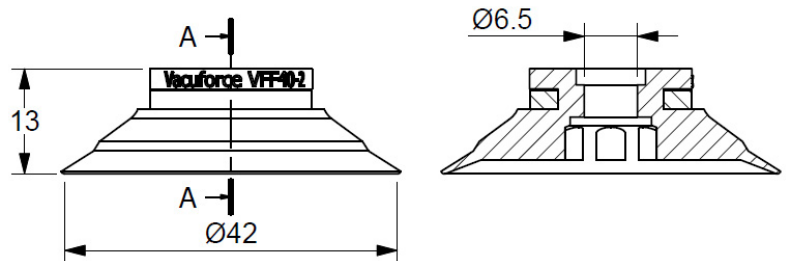
- 42mm Diameter (1.65") flat cup design
- Internal cleats for increased grip in lateral movement
- Good for shear movement and grip
- NBR and FDA Silicone materials



## APPLICATIONS

- Small part pick and place
- Plastic and food packaging
- Direct food contact with silicone materials

## DIMENSIONS (mm)



VFF		40-2		S	
Series		Model	Diameter	Cup Material	
		40-2	42	N	Nitrile
				S	Red Silicone
				ST	White Translucent Silicone

Cup Fittings	
Use Fitting Type	D

For cup material data please refer to [vacuforce.com/materials](http://vacuforce.com/materials)

Part number example VFF40-2S  
42mm diameter flat vacuum cup in red silicone



For cup fittings  
refer to page 1.86

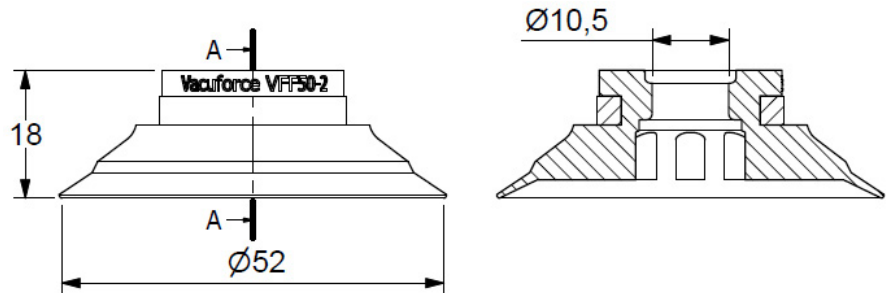
- 52mm Diameter (2.05") flat cup design
- Internal cleats for increased grip in lateral movement
- Good for shear movement and grip
- NBR and FDA Silicone materials



## APPLICATIONS

- Small part pick and place
- Plastic and food packaging
- Direct food contact with silicone materials

## DIMENSIONS (mm)



VFF		50-2		S	
Series		Model	Diameter	Cup Material	
		50	52	N	Nitrile
				S	Red Silicone
				ST	White Translucent Silicone

Cup Fittings	
Use Fitting Type	E

For cup material data please refer to [vacuforce.com/materials](http://vacuforce.com/materials)

Part number example VFF50-2S  
52mm diameter flat vacuum cup in red silicone



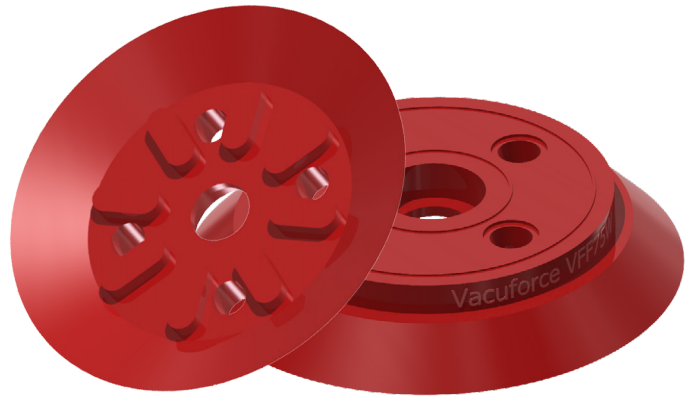
For cup fittings  
refer to page 1.86



# VFF75W FLAT VACUUM CUP



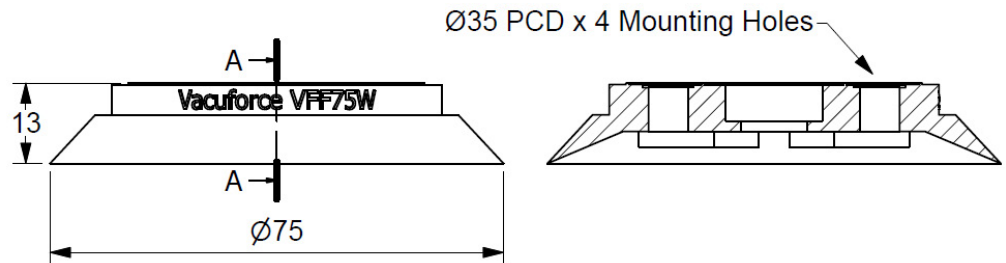
- 75mm Diameter (3") flat cup design
- Internal cleats for increased grip in lateral movement
- Ideal for high speed shear movement and grip
- NBR and FDA Silicone materials



## APPLICATIONS

- Part pick and place
- Sheet metal and lumber handling
- High shear force pick and place

## DIMENSIONS (mm)

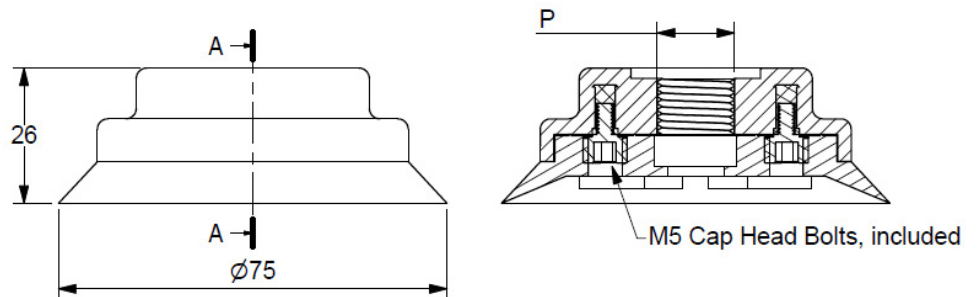


VFF		75W		S	
Series		Model	Diameter	Cup Material	
		75W	75	N	Nitrile
				S	Red Silicone

For cup material data please refer to [vacuforce.com/materials](http://vacuforce.com/materials)

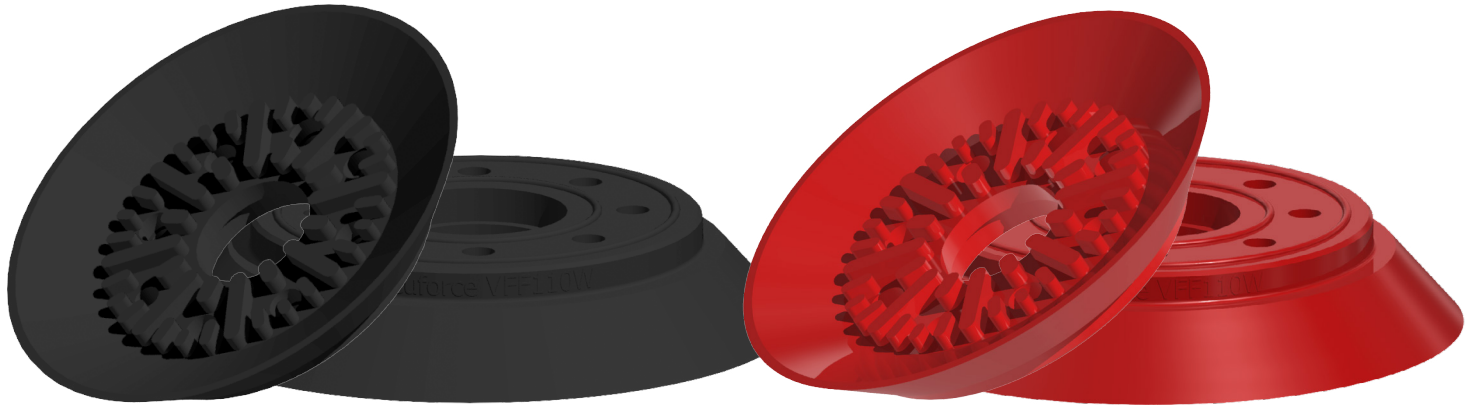
Part number example VFF75WS - 75mm diameter flat vacuum cup in red silicone

## VFF75W Cup Fittings



Fitting Model	P (Vacuum Port)
VFCF75-1/8	G1/8
VFCF75-1/4	G1/4
VFCF75-3/8	G3/8

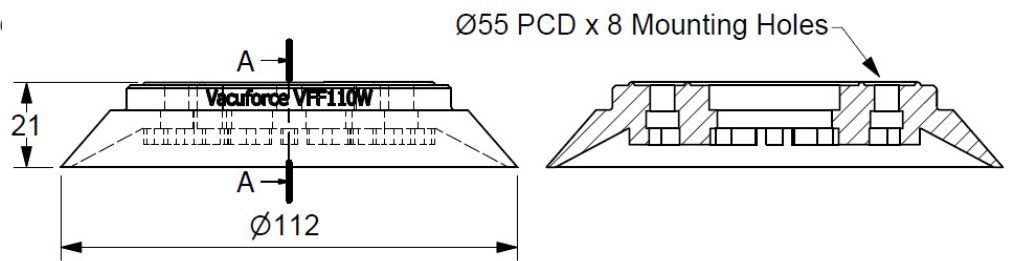
- 112mm Diameter (4.4") flat cup design
- Internal cleats for increased grip in lateral movement
- Ideal for high speed shear movement and grip
- NBR and FDA Silicone materials



## APPLICATIONS

- Part pick and place
- Sheet metal and lumber handling
- High shear force pick and place

## DIMENSIONS (mm)

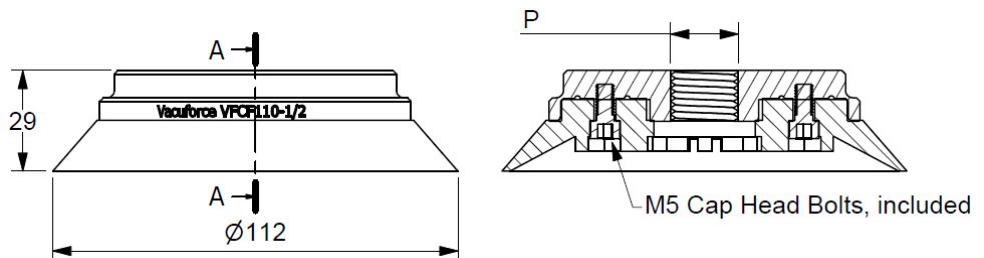


VFF		110W		S	
Series		Model	Diameter	Cup Material	
		110W	112	N	Nitrile
				S	Red Silicone

For cup material data please refer to [vacuforce.com/materials](http://vacuforce.com/materials)

Part number example VFF110WS - 112mm diameter flat vacuum cup in red silicone

## VFF110W Cup Fittings



Fitting Model	P (Vacuum Port)
VFCF110-3/8	G3/8
VFCF110-1/2	G1/2



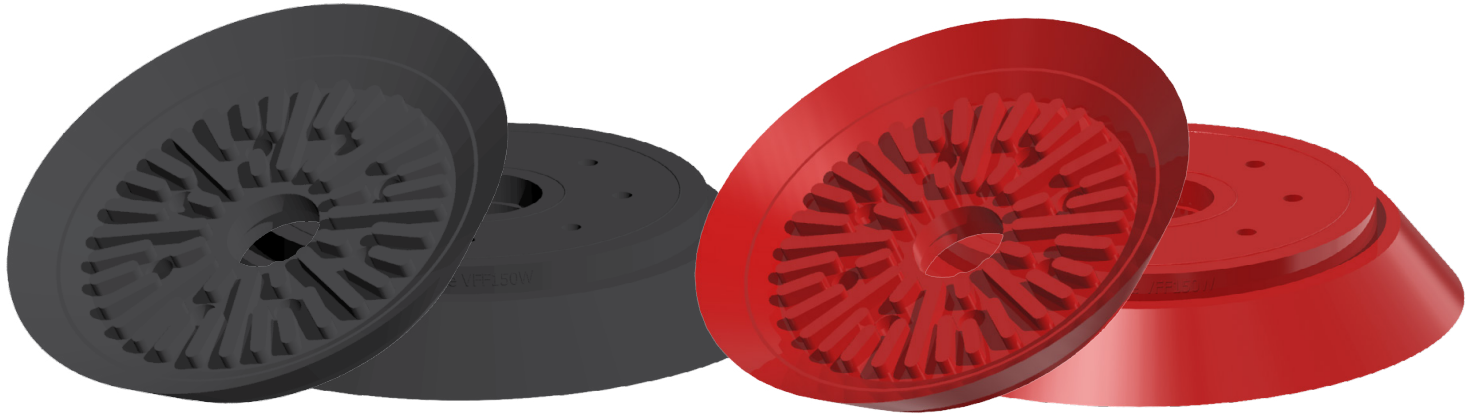
# VFF150W FLAT VACUUM CUP



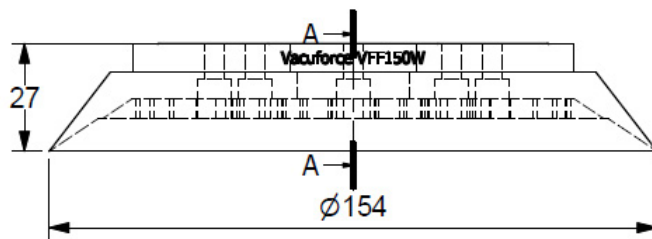
- 154mm Diameter (6.06") flat cup design
- Internal cleats for increased grip in lateral movement
- Ideal for high speed shear movement and grip
- NBR and FDA Silicone materials

## APPLICATIONS

- Part pick and place
- Sheet metal and lumber handling
- High shear force pick and place



## DIMENSIONS (mm)



Ø71.5PCD x 8 Mounting Holes

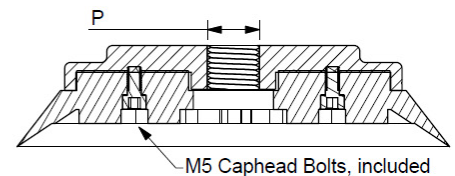
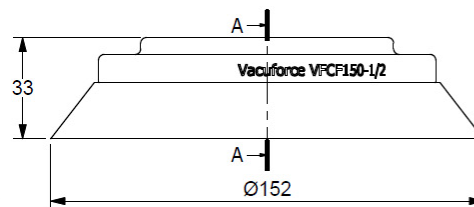


VFF		150W		S	
Series		Model	Diameter	Cup Material	
		150W	154	N	Nitrile
				S	Red Silicone

For cup material data please refer to [vacuforce.com/materials](http://vacuforce.com/materials)

Part number example VFF150WS - 154mm diameter flat vacuum cup in red silicone

## VFF150W Cup Fittings



Fitting Model	P (Vacuum Port)
VFCF150-1/2	G1/2