

Suction cup BF80P Polyurethane 60, G3/8" male with mesh filter

Item number: BF80P.4E.08UG



- Suitable for uneven surfaces.
- Dual hardness allowing strength and stability in conjunction with softness and flexibility.
- DURAFLEX® material features the elasticity of rubber in combination with the wear resistance of polyurethane.
- The DURAFLEX® material is mark-free.

Technical data

Description	Unit	Value
Suction cup shape	-	Bellows
Application	-	Dry sheet metal, Glass handling, Mark Free
Suction cup design	-	Round
Characteristics	-	Dry sheet metal, Glass handling, Mark free
Material	-	Polyurethane (PU)
Weight, min.	oz	1.87
Suction cup model	-	BF-P
Volume	in ³	2.44
Height	in	1.83
Outer diameter, min.	in	3.27
Outer diameter, actuated	in	2.41
Fitting size	-	3/8"
Fitting option	-	Filter mesh
Fitting style	-	Male
Fitting type	-	G-thread
Suction cup model	-	BF80P PU60
Movement, vertical max.	in	0.61
Curve radius, min.	in	1.97

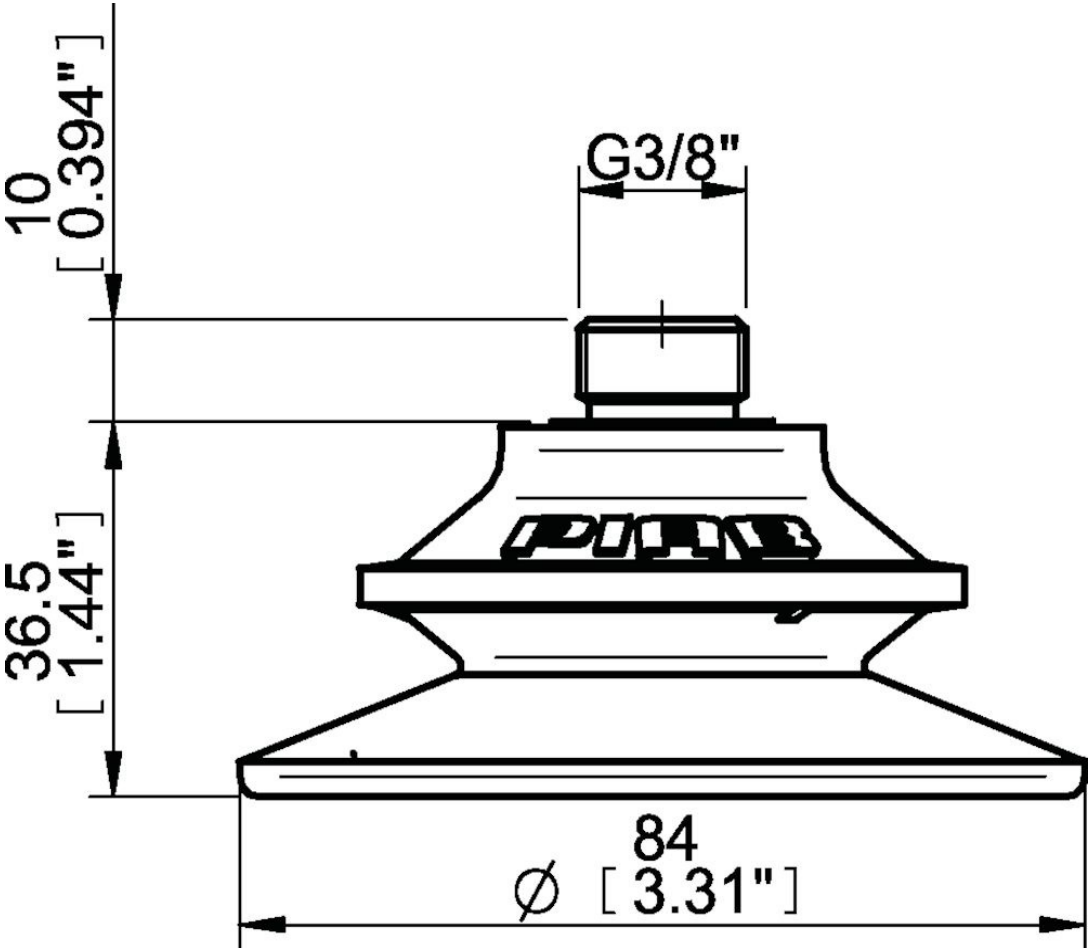
Performance - Lifting forces

BF80P PU60	Vertical (lb)	Parallel (lb)
5.91 -inHg	22.031	15.29
17.72 -inHg	50.58	28.55
26.58 -inHg	66.094	37.32

Material	
Name	Polyurethane (PU60)
Color	Green transparent
Temperature, min. °F	50.0
Temperature max. °F	122.0
Hardness °Shore A	60

Material resistance	
Alcohol	n/a
Concentrated acids	Fair
Ethanol	Fair
Hydrolysis	Fair
Methanol	Poor
Oil	Excellent
Oxidation	Poor
Gasoline	Fair
Wear resistance	Excellent
Weather and ozone	Excellent

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.