

Suction cup B75P Polyurethane 60, G3/8" female, with mesh filter, B75P.4E.07ND



- Suitable for level adjustment and for uneven and porous surfaces such as cardboard, etc.
- 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.

General

Curve radius	3.54 in
Movement, vertical max.	0.90 in
Application	Mark Free, Plastic injection molded parts, Dry sheet metal
Material	Polyurethane (PU60)
Suction cup model	B-P
Suction cup shape	Bellows
Volume	6.71 in ³
Weight	2.54 oz

Fitting

Fitting size	3/8"
Fitting style	Female
Fitting type	G-thread
Fitting option	Filter mesh

Dimension

Height	1.98 in
Outer diameter	3.11 in

Performance — lifting forces

		
6 -inHg	18.7 lbf	27.2 lbf
18 -inHg	44.1 lbf	51.5 lbf
27 -inHg	57.3 lbf	67 lbf

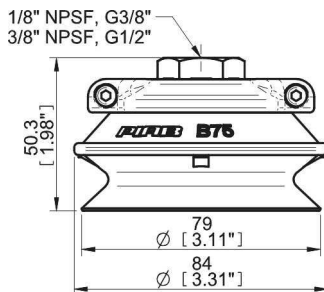
Material

	Polyurethane (PU60)
Color	Green transparent
Hardness	60 °Shore A
Temperature	50 – 122 °F

Material resistance

	Polyurethane (PU60)
Alcohol	N/A
Concentrated acids	+
Ethanol	+
Hydrolysis	+
Methanol	-
Oil	+++
Oxidation	-
Gasoline	+
Wear resistance	+++
Weather and ozone	+++

Dimensional drawings



Values specified in the data sheet are tested at:

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	0-100%
Compressed air quality	DIN ISO 8573-1 class 4

Spare parts

	Part no.
Suction cup B75P Polyurethane 60	B75P.4E
Fitting 75, G3/8" female, clamp ring with mesh filter	07ND

Accessories

	Part no.
Suction cup B75P Polyurethane 30/60	B75P.4K
Suction cup B75P Polyurethane 60 with collar for Vacuum Gripper System (VGS)	B75P.5E
Suction cup B75P Polyurethane 30/60 with collar for Vacuum Gripper System (VGS)	B75P.5K
Fitting 75, 1/8" NPSF female, clamp ring with mesh filter	07NA
Fitting 75, 3/8" NPSF female, with mesh filter	07NE
Fitting 75, G1/2" female, clamp ring with mesh filter	07NF
Thread insert G3/8" male, with O-ring and mesh filter for Vacuum Gripper System (VGS)	01.07.148