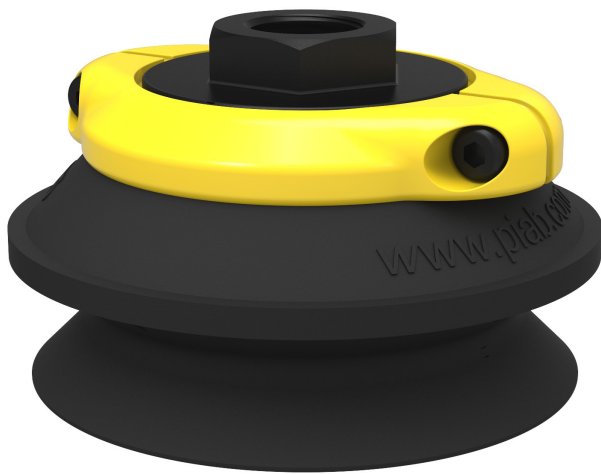


Suction cup B75 Nitrile-PVC, G3/8" female, clamp ring with mesh filter, B75.30.07ND



- Suitable for level adjustment. Several short bellows in one lifting device can handle objects with height differences and varying shapes, for example embossed or corrugated plates.
- The lifting movement can be used to separate small and thin objects.
- Only lightweight objects should be handled when the lifting force is parallel to the surface of the object, in order to achieve good precision and safe lifting movement.

General

Curve radius	1.57 in
Movement, vertical max.	0.94 in
Application	Plastic injection molded parts, Dry sheet metal
Material	Nitrile-PVC (NPV)
Suction cup model	B
Suction cup shape	Bellows
Volume	6.71 in ³
Weight	1.23 oz

Fitting

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

Dimension

Height	1.98 in
Outer diameter	3.07 in

Performance — lifting forces

		
6 -inHg	16.6 lbf	14 lbf
18 -inHg	37.5 lbf	27.5 lbf
27 -inHg	50.8 lbf	34.6 lbf

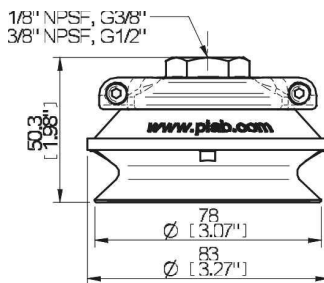
Material

	Nitrile-PVC (NPV)
Color	Black
Hardness	50 °Shore A
Temperature	32 – 194 °F

Material resistance

	Nitrile-PVC (NPV)
Alcohol	++
Concentrated acids	+
Ethanol	N/A
Hydrolysis	++
Methanol	N/A
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.
Fitting 75, G3/8" female, clamp ring with mesh filter	07ND
Suction cup B75 Nitrile-PVC	B75.30

Accessories

	Part no.
Fitting 1/4" NPT female Al, with mesh filter & 10-32 addl. conn.	07UH
Fitting 1/8" NPSF female Al, with mesh filter	07UA
Fitting 75, 1/8" NPSF female, clamp ring with mesh filter	07NA
Fitting 75, 3/8" NPSF female, with mesh filter	07NE
Fitting G1/2" female Al, with mesh filter	07UD
Fitting 75, G1/2" female, clamp ring with mesh filter	07NF
Suction cup B75 HNBR	B75.37
Suction cup B75 HNBR with washer	B75.37.W
Suction cup B75 Nitrile-PVC with washer	B75.30.W
Suction cup B75 Silicone	B75.20
Suction cup B75 Silicone with washer	B75.20.W

