



Item no: B35XP.4K.04AI

Suction cup B35XP Polyurethane 30/60, G1/8" male with mesh filter

- Suitable for limited level adjustment with good stability.
- Excellent gripping performance on corrugated and porous or surface leaking objects such as cardboard, textured plastic parts and composite material (raw surface)
- In the two-colored suction cup the bellows and the sealing lip are of different hardnesses, which makes the suction cup strong and stable for accelerations and speed, at the same time, soft and flexible.
- DURAFLEX® suction cups manufactured in a specially developed material that features the elasticity of rubber and wear resistance of polyurethane.
- The material DURAFLEX® is mark free.

General

Suction cup shape	Bellows
Application	CorrugatedCardboard, PlasticInjectionMoldedParts
Suction cup design	Round
Characteristics	CorrugatedCardboard, PlasticInjectionMoldedParts
Material	Polyurethane (PU)
Suction cup model	B-XP
Weight	0.23 oz
Volume	0.27 in³
Suction cup model	B35XP PU30 PU60
Movement, vertical max.	0.37 in
Curve radius, min.	0.63 in

Fitting option	Filter mesh
Fitting size	1/8"
Fitting style	Male
Fitting type	G-thread

Height	1.2 in
Outer diameter	1.46 in

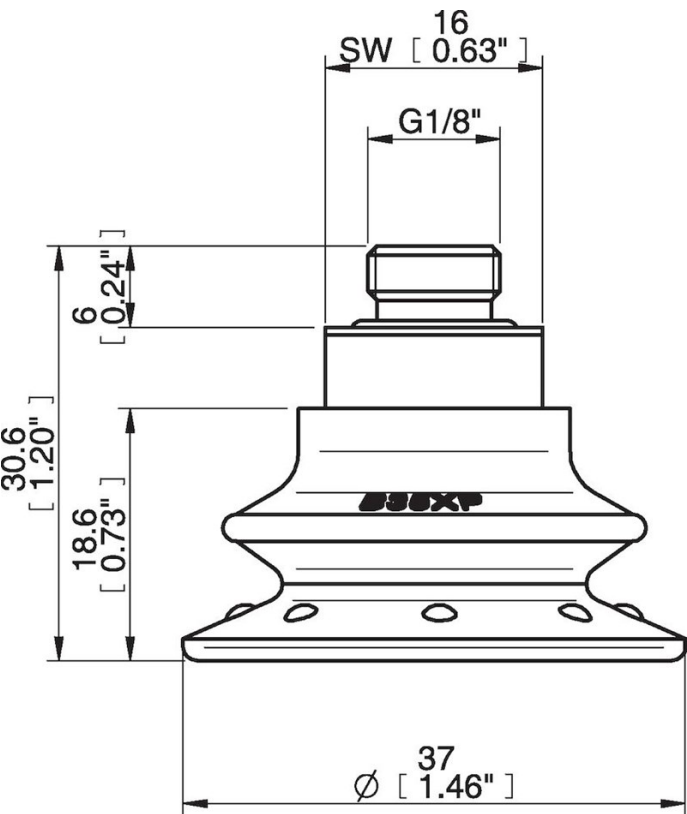
Performance - lifting forces

B35XP PU30 PU60		
5.91 -inHg	3.82 lbf	3.37 lbf
17.72 -inHg	8.77 lbf	6.74 lbf
26.58 -inHg	11.24 lbf	8.99 lbf

Material		
Name		
Color	Yellow	
Temperature	50 - 122 °F	50 - 122 °F
Hardness	60 °Shore A	30 °Shore A

Alcohol	n/a	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

Accessories

- 04AE | Fitting 3/8" NPT male, with mesh filter
- 04AG | Fitting 1/8" NPSF female, 30–40, with mesh filter
- 04AB | Fitting G1/4" male, 30–40, with mesh filter
- 04AC | Fitting 1/4" NPT male, with mesh filter
- 04AD | Fitting G3/8" male, 30–40, with mesh filter

Spare parts

- 04AI | Fitting G1/8" male, 40, with mesh filter
- B35XP.4K | Suction cup B35XP Polyurethane 30/60