



Item no: BX52P.4K.05AB.F

Suction cup BX52P Polyurethane 30/60 with filter, G1/4" male, with mesh filter

- 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.
- Filter disk made of polyester PES4/14 and TPE.

General

Item number, alternative	E12035234
Suction cup shape	Multibellows
Application	CorrugatedCardboard, MarkFree, PlasticInjectionMoldedParts, DrySheetMetal
Suction cup design	Round
Characteristics (for filtering)	MarkFree, DrySheetMetal, CorrugatedCardboard, PlasticInjectionMoldedParts
Material	Polyurethane (PU)
Suction cup model	BX-P
Weight	0.85 oz
Volume	1.83 in ³
Suction cup model	BX52P PU30 PU60
Movement, vertical max.	0.75 in
Curve radius, min.	1.26 in

Fitting option	FD, FM
Fitting size	1/4"
Fitting style	Male
Fitting type	G-thread

Height	2.13 in
Outer diameter	2.087 in

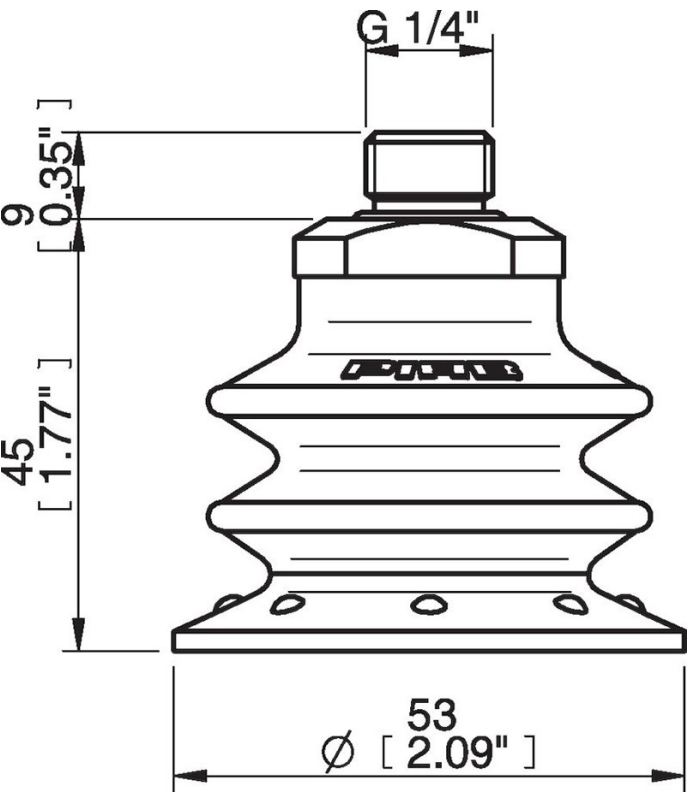
Performance - lifting forces

	BX52P	PU30	PU60
5.91 -inHg			
17.72 -inHg	7.19 lbf	12.59 lbf	5.62 lbf
26.58 -inHg	16.86 lbf		9.89 lbf
			12.14 lbf

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

05DC	Fitting 1/4" NPT male, with dual flow control valve
05AC	Fitting 1/4" NPT male, with mesh filter
05AA	Fitting 1/8" NPSF female, 50
05DA	Fitting 1/8" NPSF female, 50, with dual flow control valve
05AG	Fitting 1/8" NPSF female, 50, with mesh filter
05DE	Fitting 3/8" NPT male, with dual flow control valve
05AE	Fitting 3/8" NPT male, with mesh filter
05AF	Fitting 5x1/8" NPSF female, 50
05DF	Fitting 5x1/8" NPSF female, 50, with dual flow control valve
05DB	Fitting G1/4" male, with dual flow control valve
05AI	Fitting G1/8" male, 50, with mesh filter
05AD	Fitting G3/8" male, 50, with mesh filter
05DD	Fitting G3/8" male, 50, with mesh filter and dual flow control valve
BX52P.4K	Suction cup BX52P Polyurethane 30/60
BX52P.4E	Suction cup BX52P Polyurethane 60
BX52P.4E.F	Suction cup BX52P Polyurethane 60, with filter

Spare parts

05AB	Fitting G1/4" male, 50, with mesh filter
BX52P.4K.F	Suction cup BX52P Polyurethane 30/60, with filter
02.01.002	Suction cup filter BX52P, 10 pcs