

Suction cup BX52P Polyurethane 60 with filter, 3/8" NPT male, with mesh filter

Item number: BX52P.4E.05AE.F



- 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.

Technical data

Description	Unit	Value
Suction cup shape	-	Multibellows
Application	-	Dry sheet metal, Corrugated cardboard/Paperboard, Plastic injection molded parts, Mark Free
Suction cup design	-	Round
Characteristics	-	Dry sheet metal, Corrugated / cardboard, Plastic injection molded parts, Mark free
Material	-	Polyurethane (PU)
Weight, min.	oz	0.85
Suction cup model	-	BX-P
Volume	in³	1.83
Height	in	2.17
Outer diameter, min.	in	2.087
Fitting size	-	3/8"
Fitting option	-	Filter mesh, Filter disc
Fitting style	-	Male
Fitting type	-	NPT-thread
Suction cup model	-	BX52P PU60
Movement, vertical max.	in	0.75
Curve radius, min.	in	1.26

Performance - Lifting forces

BX52P PU60	Vertical (lb)	Parallel (lb)
5.91 -inHg	7.87	6.070
17.72 -inHg	13.26	11.016
26.58 -inHg	17.98	12.59

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

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

- 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.

Accessories

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

Spare parts

BX52P.4E.F | Suction cup BX52P Polyurethane 60, with filter
05AE | Fitting 3/8" NPT male, with mesh filter
02.01.002 | Suction cup filter BX52P, 10 pcs