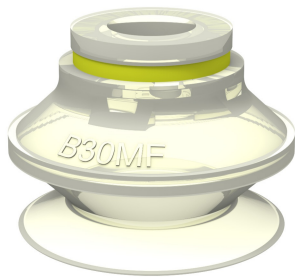


Suction cup B30MF Thermoelastic polyurethane

Item number: B30MF.40



- Constructed from advanced, mark-free TPE material
- Soft, non-marking grip for delicate or high-value surfaces
- Flexible bellow design for uneven shapes and height differences
- Resistant to wear and deformation
- Maintains product aesthetics with trace-free handling
- Suitable for glass, sheet metal and finished goods

Technical data

Description	Unit	Value
Suction cup shape	-	Bellows
Suction cup design	-	Round
Characteristics	-	Mark free
Material	-	TPE
Weight, min.	oz	0.25
Suction cup model	-	B-MF
Volume	in³	0.61
Height	in	1.024
Outer diameter, min.	in	1.34
Outer diameter, actuated	in	1.54
Fitting size	-	None
Fitting option	-	None
Fitting style	-	None
Fitting type	-	None
Fitting material	-	None
Suction cup model	-	B30MF
Movement, vertical max.	in	0.49
Curve radius, min.	in	0.65

Performance - Lifting forces

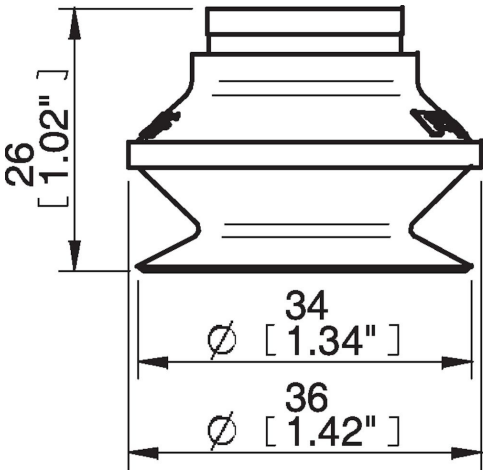
B30MF	Vertical (lb)	Parallel (lb)
5.91 -inHg	2.7	3.26
17.72 -inHg	8.99	7.19
26.58 -inHg	12.25	9.22

Material	
Name	TPE-U
Color	Black
Temperature, min. °F	-4
Temperature max. °F	176
Hardness °Shore A	81

Material resistance

Alcohol	Good
Concentrated acids	Poor
Ethanol	Not applicable
Hydrolysis	Poor
Methanol	Not applicable
Oil	Excellent
Oxidation	Good
Gasoline	Poor
Wear resistance	Excellent
Weather and ozone	Excellent

Dimensional drawings



Values specified in this data sheet are tested at (unless otherwise stated):

- 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

- 04AF | Fitting 5x1/8" NPSF female, 30–40
- 04AG | Fitting 1/8" NPSF female, 30–40, with mesh filter
- 04AA | Fitting 1/8" NPSF female, 30–40
- 04AD | Fitting G3/8" male, 30–40, with mesh filter
- 04AE | Fitting 3/8" NPT male, with mesh filter
- 04AB | Fitting G1/4" male, 30–40, with mesh filter
- 04AC | Fitting 1/4" NPT male, with mesh filter
- 04DA | Fitting 1/8" NPSF female, 30–40, with dual flow control valve
- 04DB | Fitting G1/4" male, 30–40, with dual flow control valve
- 04DC | Fitting 1/4" NPT male, with dual flow control valve
- 04DD | Fitting G3/8" male, 30–40, with dual flow control valve
- 04DE | Fitting 3/8" NPT male, with dual flow control valve
- 04DF | Fitting 5x1/8" NPSF female, 30–40, with dual flow control valve