Suction cup BL50-3P Polyurethane 30/70

Article number: 0112641



- High-flow fitting allowing high initial vacuum flow needed for plastic bag handling.
- Suitable for level adjustment and uneven surfaces.
- 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.

Excellent

Excellent

Poor

Fair

Technical data

Description	Unit	Value
Suction cup shape	-	Multibellows
Application	-	Bag handling
Suction cup design	-	Round
Characteristics	-	Bag handling
Material	-	Polyurethane (PU)
Weight, min.	g	24
Suction cup model	-	BL-3-P
Volume	cm³	54
Height	mm	53
Outer diameter, min.	mm	48
Fitting size	-	None
Fitting option	-	None
Fitting style	-	None
Fitting type	-	None
Suction cup model	-	BL50-3P
Movement, vertical max.	mm	26
Curve radius, min.	mm	16

Performance - Lifting forces

BL50-3P	Vertical (N)	Parallel (N)
20 -kPa	24	22
60 -kPa	60	49
90 -kPa	75	60

Material

Name	Polyurethane (PU30)	Polyurethane (PU70)
Colour	Yellow	Black
Temperature, min. °C	10	10
Temperature max. °C	50	50
Hardness °Shore A	30	70
Material resistance		
Alcohol	n/a	n/a
Concentrated acids	Fair	Fair
Ethanol	Fair	Fair
Hydrolysis	Fair	Fair
Methanol	Poor	Poor

Excellent

Excellent

Poor

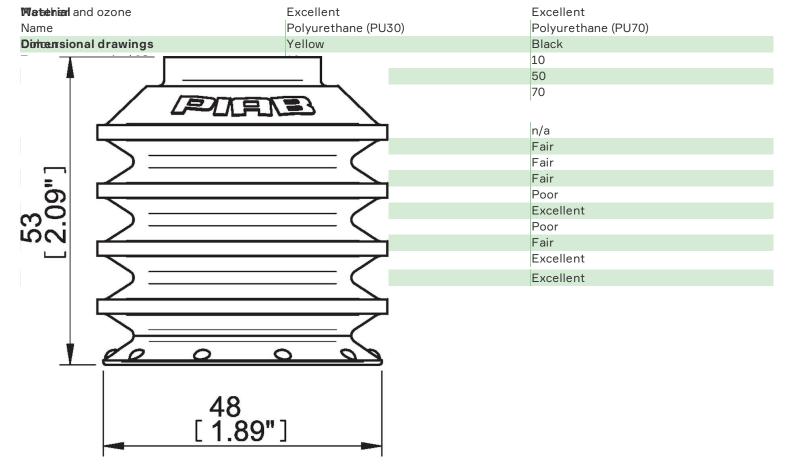
Fair

Petrol

Oxidation

Wear resistance

Oil



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

- •Room temperature (20°C [68°F] \pm 3°C [5.5°F]).
- •Standard atmosphere (101.3 [29.9 inHg] \pm 1.0 kPa [0.3 inHg]).
- •Relative humidity 20-70%.
- •Compressed air quality, DIN ISO 8573-1 class 4.

Accessories

0113117 | Fitting G1/2" male, bag 0113140 | Fitting 1/2" NPT male, bag