

Suction cup BL30-3P Polyurethane 30/70, G3/8" male

Item number: BL30-3P.4L.04AJ



- 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.

Technical data

| Description | Unit | Value |
|-------------------------|------|-------------------|
| Suction cup shape | - | Multibellows |
| Application | - | Bag handling |
| Suction cup design | - | Round |
| Characteristics | - | Bag handling |
| Material | - | Polyurethane (PU) |
| Weight, min. | oz | 0.21 |
| Suction cup model | - | BL-3-P |
| Volume | in³ | 0.85 |
| Height | in | 2.028 |
| Outer diameter, min. | in | 1.18 |
| Fitting size | - | 3/8" |
| Fitting option | - | None |
| Fitting style | - | Male |
| Fitting type | - | G-thread |
| Suction cup model | - | BL30-3P |
| Movement, vertical max. | in | 0.55 |
| Curve radius, min. | in | 0.24 |

Performance - Lifting forces

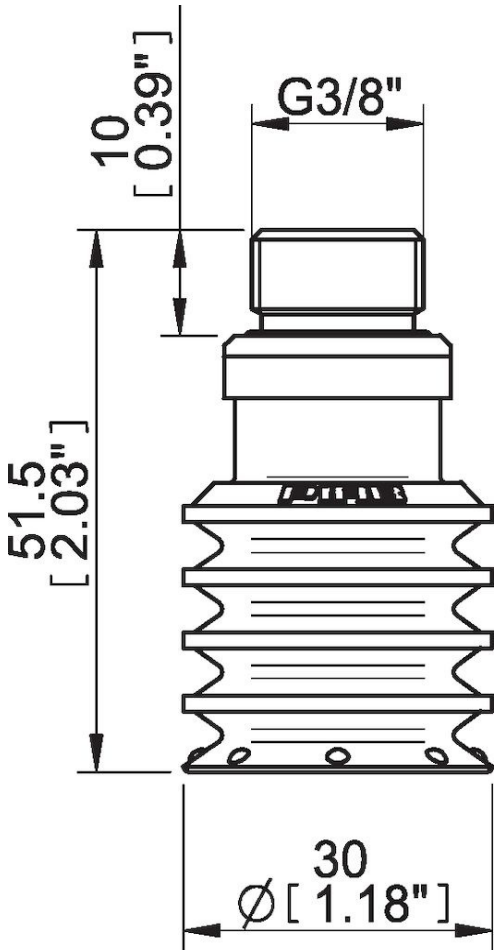
| BL30-3P | Vertical (lb) | Parallel (lb) |
|-------------|---------------|---------------|
| 5.91 -inHg | 2.25 | 2.023 |
| 17.72 -inHg | 4.95 | 2.25 |
| 26.58 -inHg | 6.29 | 3.60 |

| Material | | |
|------------------------|---------------------|---------------------|
| Name | Polyurethane (PU30) | Polyurethane (PU70) |
| Color | Yellow | Black |
| Temperature, min. °F | 50.0 | 50.0 |
| Temperature max. °F | 122.0 | 122.0 |
| 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 |
| Oil | Excellent | Excellent |
| Oxidation | Poor | Poor |
| Gasoline | Fair | Fair |
| Wear resistance | Excellent | Excellent |
| Weather and ozone | Excellent | 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

04AL | Fitting 3/8" NPT male, bag

Spare parts

BL30-3P.4L | Suction cup BL30-3P Polyurethane 30/70

04AJ | Fitting G3/8" male, bag