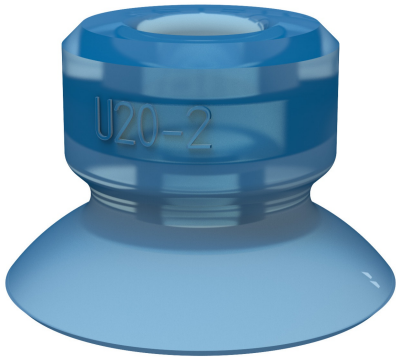


# Suction cup U20-2P Polyurethane 50

Item number: U20-2P.4D



- Long-life suction cup
- Suitable for several book binding applications
- Easy to handle different paper qualities due to the three different shore ratings
- DURAFLEX® are suction cups manufactured in a specially developed material that features the elasticity of rubber and wear resistance of polyurethane

Technical data

| Description             | Unit            | Value                                     |
|-------------------------|-----------------|-------------------------------------------|
| Suction cup shape       | -               | Universal                                 |
| Application             | -               | Thin paper / slip sheets / film           |
| Suction cup design      | -               | Round                                     |
| Characteristics         | -               | Bag opening/thin paper - slip sheets/film |
| Material                | -               | Polyurethane (PU)                         |
| Weight, min.            | oz              | 0.060                                     |
| Suction cup model       | -               | U-P                                       |
| Volume                  | in <sup>3</sup> | 0.043                                     |
| Height                  | in              | 0.55                                      |
| Outer diameter, min.    | in              | 0.81                                      |
| Fitting size            | -               | None                                      |
| Fitting option          | -               | None                                      |
| Fitting style           | -               | None                                      |
| Fitting type            | -               | None                                      |
| Suction cup model       | -               | U20-2P PU50                               |
| Movement, vertical max. | in              | 0.20                                      |
| Curve radius, min.      | in              | 0.35                                      |

Performance - Lifting forces

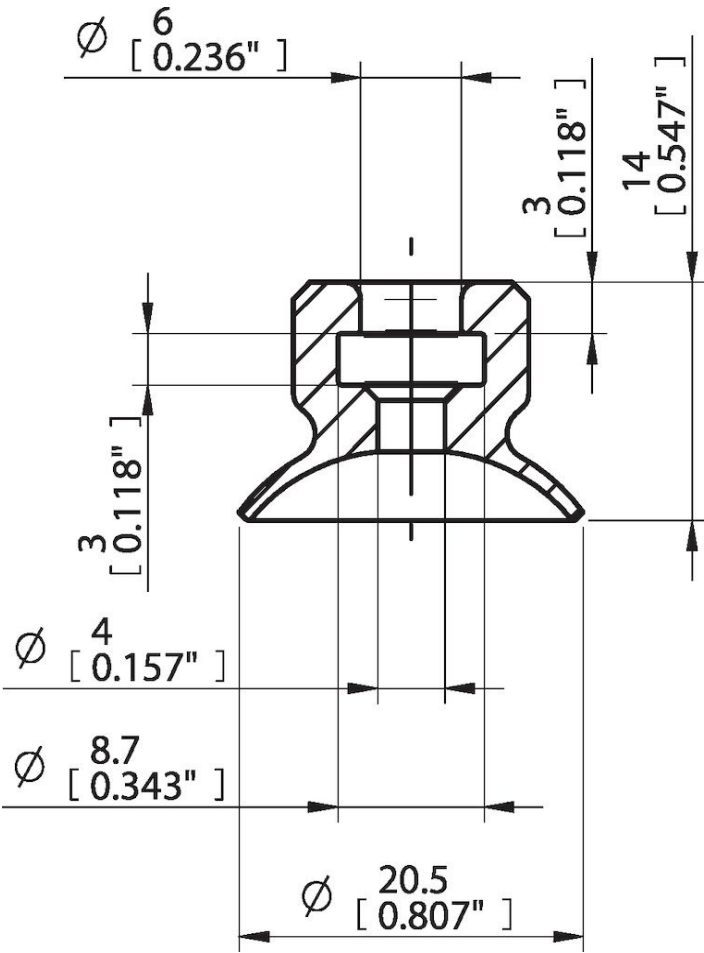
| U20-2P PU50 | Vertical (lb) | Parallel (lb) |
|-------------|---------------|---------------|
| 5.91 -inHg  | 0.67          | 0.34          |
| 17.72 -inHg | 2.59          | 0.67          |
| 26.58 -inHg | 3.37          | 1.35          |

| Material               |                     |
|------------------------|---------------------|
| Name                   | Polyurethane (PU50) |
| Color                  | Blue transparent    |
| Temperature, min.   °F | 50.0                |
| Temperature max.   °F  | 122.0               |
| Hardness   °Shore A    | 50                  |

Material resistance

|                    |           |
|--------------------|-----------|
| 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 |

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

02AI | Fitting U20-2P 1/8" male