

# Datasheet

## Suction cup U20-2P Polyurethane 60

Item number: U20-2P.4E



- 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, Mark Free
Suction cup design	-	Round
Characteristics	-	Bag opening/thin paper - slip sheets/film, Mark free
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 PU60
Movement, vertical max.	in	0.20
Curve radius, min.	in	0.47

### Performance - Lifting forces

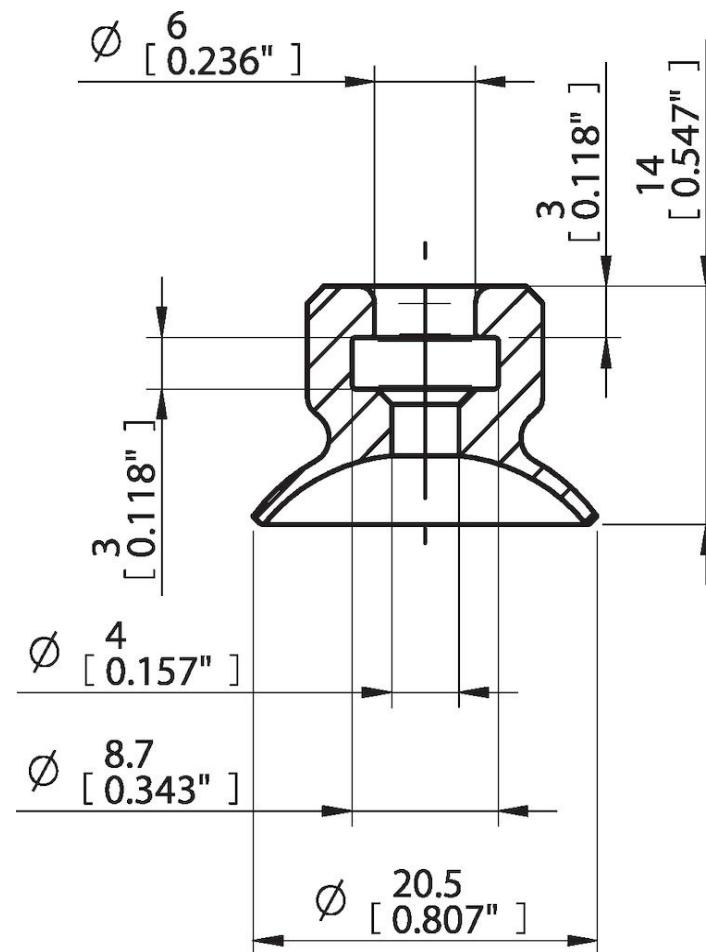
	Vertical (lb)	Parallel (lb)
U20-2P PU60		
5.91 -inHg	0.67	0.67
17.72 -inHg	3.15	1.35
26.58 -inHg	4.72	1.80

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

#### **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