

# Suction cup U20-2P Polyurethane 60

Article number: 0119996



- Long life time suction cup
- Suitable for several book binding applications
- Easy to handle different paper qualities due to the possibilities to order the U20-2P in three different shore
- 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	-	Bag opening/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.	g	1.7
Suction cup model	-	U-P
Volume	cm <sup>3</sup>	0.7
Height	mm	14
Outer diameter, min.	mm	20.5
Fitting size	-	None
Fitting option	-	None
Fitting style	-	None
Fitting type	-	None
Suction cup model	-	U20-2P PU60
Movement, vertical max.	mm	5
Curve radius, min.	mm	12

## Performance - Lifting forces

U20-2P PU60	Vertical (N)	Parallel (N)
20 -kPa	3	3
60 -kPa	14	6
90 -kPa	21	8

## Material

Name	Polyurethane (PU60)
Colour	Green transparent
Temperature, min.   °C	10
Temperature max.   °C	50
Hardness   °Shore A	60

## Material resistance

Alcohol	n/a
Concentrated acids	Fair
Ethanol	Fair
Hydrolysis	Fair
Methanol	Poor
Oil	Excellent
Oxidation	Poor
Petrol	Fair
Wear resistance	Excellent

Material and ozone

Name Polyurethane (PU60)

Dimensional drawings Green transparent

	10	Excellent
	50	Excellent
	60	Excellent
	n/a	n/a
	Fair	Fair
	Fair	Fair
	Fair	Fair
	Poor	Poor
	Excellent	Excellent
	Poor	Poor
	Fair	Fair
	Excellent	Excellent
	Excellent	Excellent

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

0205296 | Fitting U20-2P 1/8" male