

# Suction cup B15MF Thermoelastic polyurethane

Article number: 3150264



- Suction cup of TPU, a mark free material that leaves no trace on the object being handled.
- Suitable for level adjustment.
- Lifting movement to separate small and thin objects.
- Only lightweight objects should be handled when the lifting force is parallel to the surface.

## Technical data

Description	Unit	Value
Suction cup shape	-	Bellows
Application	-	Mark Free
Suction cup design	-	Round
Characteristics	-	Mark free
Material	-	TPE
Weight, min.	g	1.3
Suction cup model	-	B-MF
Volume	cm <sup>3</sup>	1.1
Height	mm	19.5
Outer diameter, min.	mm	16
Fitting size	-	None
Fitting option	-	None
Fitting style	-	None
Fitting type	-	None
Suction cup model	-	B15MF
Movement, vertical max.	mm	2
Curve radius, min.	mm	11

## Performance - Lifting forces

B15MF	Vertical (N)	Parallel (N)
20 -kPa	4	4.5
60 -kPa	8	7
90 -kPa	12	10

## Material

Name	Thermoplastic Polyurethane (TPE-U)
Colour	White transparent
Temperature, min.   °C	-20
Temperature max.   °C	80
Hardness   °Shore A	81

## Material resistance

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

Material and ozone

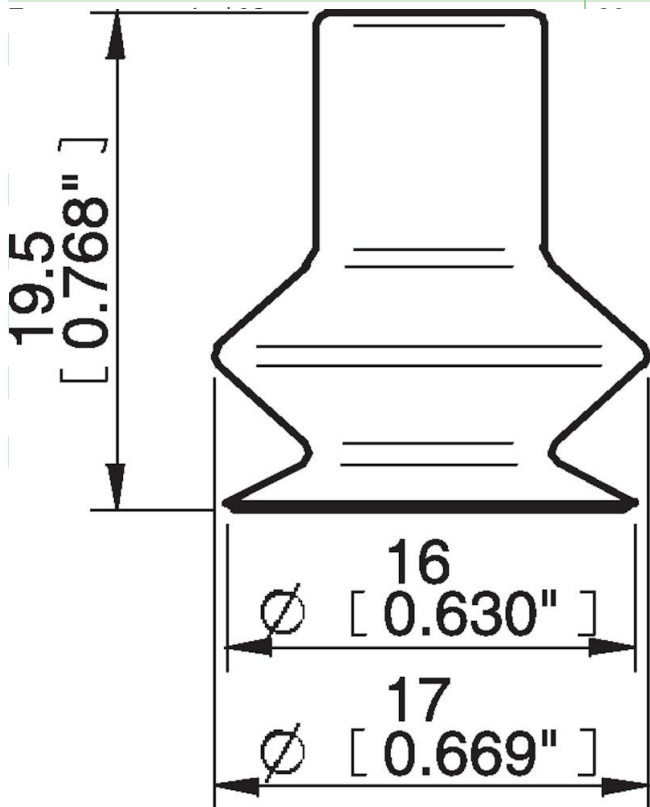
Excellent

Name

Thermoplastic Polyurethane (TPE-U)

Dimensional drawings

White transparent



lent

lent

lent

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

3107030 | Fitting M5 male, 10-15