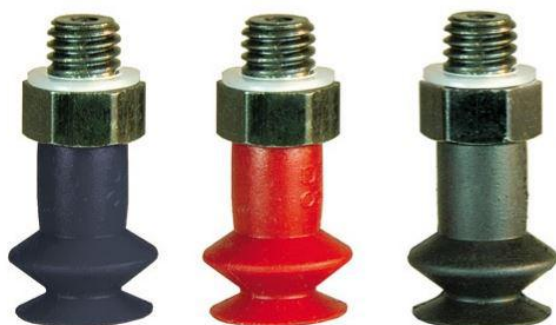


## B8



### Suction cup with short bellows

- Lifting movement to separate small and thin objects.
- Only lightweight objects should be handled when the lifting force is parallel to the surface.
- Suitable for level adjustment.
- Suction cups of conductive silicone are suitable for objects with sensitivity to static electricity.

#### Lifting forces & Technical data

Outer Dia. in	Lifting force vertical to the surface, lbf, at vacuum level			Lifting force parallel to the surface, lbf, at vacuum level			Volume in <sup>3</sup>	Min. curve radius in	Max. vertical movement in	Weight rubber part oz
	6 -inHg	18 -inHg	27 -inHg	6 -inHg	18 -inHg	27 -inHg				
0.35	0.18	0.36	0.96	—	—	—	0.009	0.07	0.14	0.01

#### Material specifications

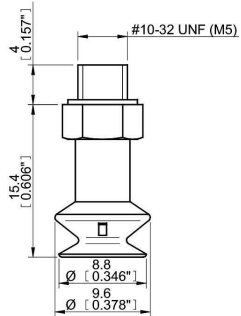
Material	Color	Hardness °Shore A	Temperature range °F
Chloroprene, CR	Black	50	-40–230
Silicone, SIL	Red	50	-40–392
Conductive silicone, CSIL	Black	50	-67–446
HNBR	Blue	50	-22-284

#### Material resistance

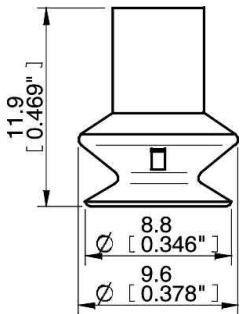
Material	Wear resistance	Oil	Weather & ozone	Hydrolysis	Gasoline	Concentrated acids	Alcohol	Oxidation
Chloroprene, CR	Excellent	Fair	Good	Good	Fair	Poor	Good	Good
Silicone, SIL	Good	Poor	Excellent	Fair	Poor	Poor	Good	Excellent
Conductive silicone, CSIL	Good	Poor	Excellent	Fair	Poor	Poor	Good	Excellent
HNBR	Excellent	Excellent	Excellent	Good	Excellent	Fair	Good	Excellent

## Ordering information

Suction cups with fitting	Part No.
Suction cup B8 Chloroprene, M5 male	B8.10.01AB
Suction cup B8 Silicone, M5 male	B8.20.01AB
Suction cup B8 Conductive silicone, M5 male	B8.25.01AB
Suction cup B8 HNBR, M5 male	B8.47.01AB



Rubber parts	Part No.
Suction cup B8 Chloroprene	B8.10
Suction cup B8 Silicone	B8.20
Suction cup B8 Conductive silicone	B8.25
Suction cup B8 HNBR	B8.47



Fittings	Part No.
Fitting M5 male, 5-8	01AB