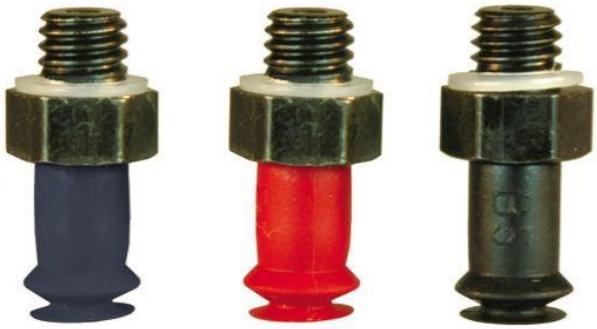
B5



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.	Lifting force vertical to the surface, lbf, at vacuum level			Lifting force parallel to the surface, lbf, at vacuum level			Volume	Min. curve radius	Max. vertical movement	Weight rubber part
in	6 -inHg	18 -inHg	27 -inHg	6 - inHg	18 -inHg	27 -inHg	in^3	in	in	oz
0.22	0.07	0.18	0.22	—	—	—	0.003	0.06	0.06	0.004

Material specifications

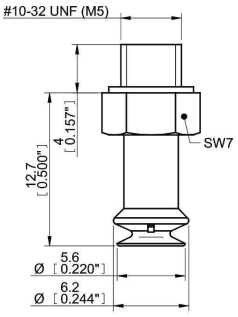
Material	Color	Hardness °Shore A	Temperature range °F
Chloroprene, CR	Black	50	-40–230
Silicone, SIL	Red	50	-40–392
Conductive silicone, CSIL	Black	50	-67–446
Semi-conductive EPDM	Black	50	-40-248
HNBR	Blue	50	-22-284

Material resistance

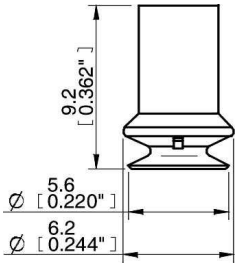
Material	Wear resistance	Oil	Weather & ozone	Hydrolysis	Gasoline	Concentrated acids	Alcohol	Oxidation
Chloroprene, CR	Excellent	Fair	Good	Good	Fair	Poor	Good	Good
Silicone, SIL	Good	Poor	Excellent	Fair	Poor	Poor	Good	Excellent
Conductive silicone, CSIL	Good	Poor	Excellent	Fair	Poor	Poor	Good	Excellent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

Ordering information

Suction cups with fitting	Part No.
Suction cup B5 Chloroprene, M5 male	B5.10.01AB
Suction cup B5 Silicone, M5 male	B5.20.01AB
Suction cup B5 Conductive silicone, M5 male	B5.25.01AB
Suction cup B5 Semi-conductive EPDM, M5 male	B5.50.01AB
Suction cup B5 HNBR, M5 male	B5.47.01AB



Rubber parts	Part No.
Suction cup B5 Chloroprene	B5.10
Suction cup B5 Silicone	B5.20
Suction cup B5 Conductive silicone	B5.25
Suction cup B5 Semi-conductive EPDM	B5.50
Suction cup B5 HNBR	B5.47



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