

# U10



## U10

### Universal suction cup



- Suitable for objects with flat or slightly curved surfaces.
- Also used for concave objects.

#### 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				
0.43	0.34	0.99	1.55	0.34	0.99	1.10	0.01	0.32	0.02	0.02

#### Material specifications

Material	Color	Hardness °Shore A	Temperature range °F
Chloroprene, CR	Black	50	-40-230
Silicone, SIL	Red	50	-40-392
HNBR	Blue	50	-22-284*

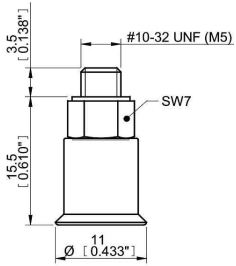
\*For a shorter period of time up to 320°F

#### Material resistance

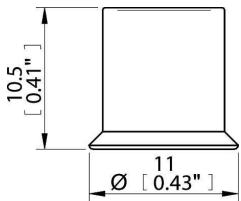
Material	Wear resistance	Oil	Weather & ozone	Hydrolysis	Gasoline	Concentrated acids	Alcohol	Oxidation
Chloroprene, CR	Excellent	Fair	Good	Good	Fair	Poor	Good	Good
Silicone, SIL	Good	Poor	Excellent	Fair	Poor	Poor	Good	Excellent
HNBR	Excellent	Excellent	Excellent	Good	Excellent	Fair	Good	Excellent

### Ordering information

Suction cups with fitting	Part No.
Suction cup U10 Chloroprene, M5 male	U10.10.01AC
Suction cup U10 Silicone, M5 male	U10.20.01AC
Suction cup U10 HNBR, M5 male	U10.47.01AC



Rubber parts	Part. No.
Suction cup U10 Chloroprene	U10.10
Suction cup U10 Silicone	U10.20
Suction cup U10 HNBR	U10.47



Fittings	Part No.
Fitting M5 male, 10-15	01AC