

## U20



### UNIVERSAL SUCTION CUP

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

### LIFTING FORCES & TECHNICAL DATA

Lifting force vertical to the surface, N, at vacuum level			Lifting force parallel to the surface, N, at vacuum level			Volume cm <sup>3</sup>	Min. curve radius mm	Max. vertical movement mm	Weight rubber part g
20 -kPa	60 -kPa	90 -kPa	20 -kPa	60 -kPa	90 -kPa				
5.9	12.0	16.0	5.9	8.8	9.8	1.0	13.0	2.5	1.2

### MATERIAL SPECIFICATIONS

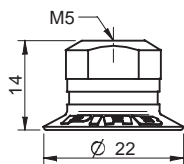
Material	Colour	Hardness °Shore A	Temperature range °C
Chloroprene, CR	Black	50	-40-110
Silicone, SIL	Red	50	-40-200

### MATERIAL RESISTANCE

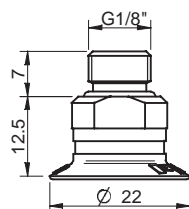
Material	Wear resistance	Oil	Weather & ozone	Hydrolysis	Petrol	Concentrated acids	Alcohol	Oxidation
Chloroprene, CR	Excellent	Fair	Good	Good	Fair	Poor	Good	Good
Silicone, SIL	Good	Poor	Excellent	Fair	Poor	Poor	Good	Excellent

### ORDERING INFORMATION

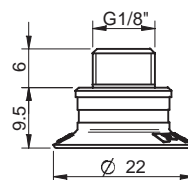
	Complete suction cups	Art. No.
A	Suction cup U20 Chloroprene, M5 female	0101373
A	Suction cup U20 Chloroprene, M5 female, with dual flow control valve	0101379
B	Suction cup U20 Chloroprene, G1/8" male, with mesh filter	0101374
B	Suction cup U20 Chloroprene, G1/8" male, with mesh filter and dual flow control valve	0101380
C	Suction cup U20 Chloroprene, G1/8" male/M5 female, with mesh filter	0101378
C	Suction cup U20 Chloroprene, G1/8" male/M5 female, with dual flow control valve	0101382
D	Suction cup U20 Chloroprene, 5xM5 female	0101377
A	Suction cup U20 Silicone, M5 female, with dual flow control valve	0101390
B	Suction cup U20 Silicone, G1/8" male, with mesh filter	0101385
B	Suction cup U20 Silicone, G1/8" male, with mesh filter and dual flow control valve	0101391
C	Suction cup U20 Silicone, G1/8" male/M5 female, with mesh filter	0101389
D	Suction cup U20 Silicone, 5xM5 female	0101388
D	Suction cup U20 Silicone, 5xM5 female, with dual flow control valve	0101394
E	Suction cup U20 Chloroprene, G1/8" male/M5 female, PA	0110956
E	Suction cup U20 Silicone, G1/8" male/M5 female, PA	0110328



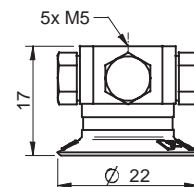
A



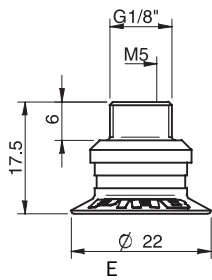
B



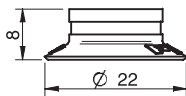
C



D



Rubber parts	Art. No.
Suction cup U20 Chloroprene	0101144
Suction cup U20 Silicone	0101145



Fittings	Art. No.
Fitting M5 female	3250003
Fitting M5 female, with dual flow control valve	3251001
Fitting G1/8" male, with mesh filter	3250085
Fitting G1/8" male, with mesh filter and dual flow control valve	3251002
Fitting G1/8" male/M5 female, with mesh filter	0101152
Fitting G1/8" male/M5 female, with dual flow control valve	3251004
Fitting 5xM5 female	0100260
Fitting 5xM5 female, with dual flow control valve	3251005
Fitting G1/8" male/M5 female, PA	3150196

For further information and dimensioned drawings, see SUCTION CUPS FITTINGS chapter.