

D50



DEEP SUCTION CUP

- ▶ Suitable for objects with curved or irregular surfaces.
- ▶ Grips around corners and edges.

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	Min. curve radius	Max. vertical movement	Weight rubber part
20 -kPa	60 -kPa	90 -kPa	20 -kPa	60 -kPa	90 -kPa	cm ³	mm	mm	g
36	78	98	—	—	—	15	25	10	18

MATERIAL SPECIFICATIONS

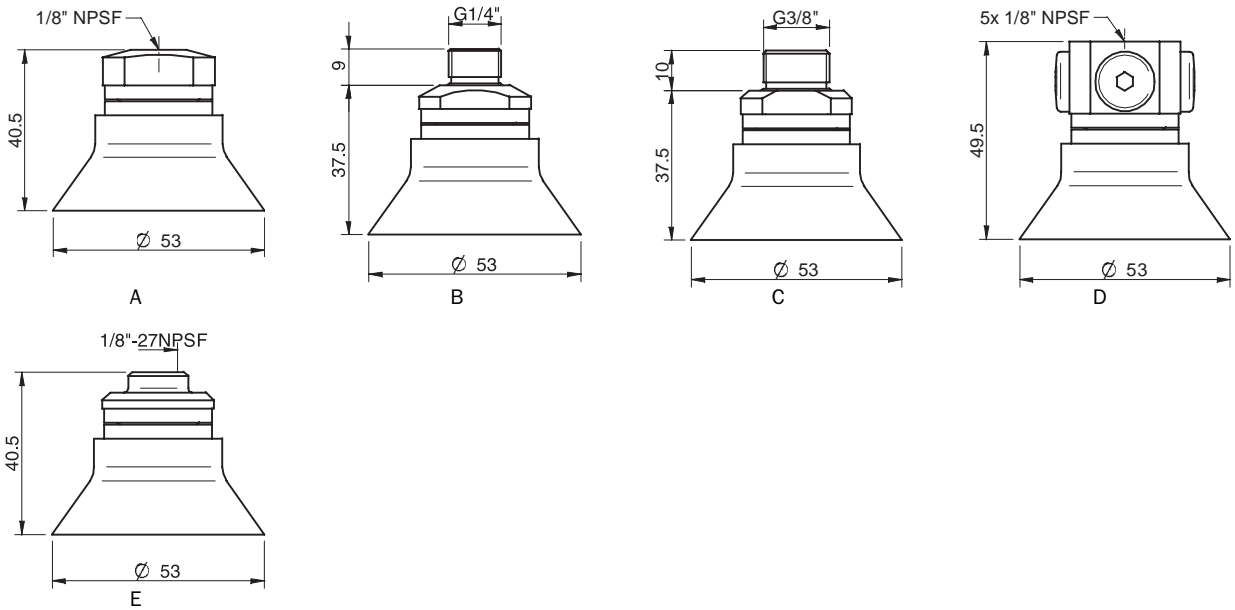
Material	Colour	Hardness °Shore A	Temperature range °C
Chloroprene, CR	Black	50	-40–110
Silicone, SIL	Red	50	-40–200

MATERIAL RESISTANCE

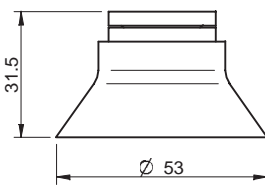
Material	Wear resistance	Oil	Weather & ozone	Hydrolysis	Petrol	Concentrated acids	Alcohol	Oxidation
Chloroprene, CR	Excellent	Fair	Good	Good	Fair	Poor	Good	Good
Silicone, SIL	Good	Poor	Excellent	Fair	Poor	Poor	Good	Excellent

ORDERING INFORMATION

	Complete suction cups	Art. No.
A	Suction cup D50 Chloroprene, 1/8" NPSF female, with mesh filter	0101727
A	Suction cup D50 Chloroprene, 1/8" NPSF female, with dual flow control valve	0101728
B	Suction cup D50 Chloroprene, G1/4" male, with mesh filter	0101722
B	Suction cup D50 Chloroprene, G1/4" male, with mesh filter and dual flow control valve	0101729
C	Suction cup D50 Chloroprene, G3/8" male, with mesh filter	0101724
C	Suction cup D50 Chloroprene, G3/8" male, with mesh filter and dual flow control valve	0101731
D	Suction cup D50 Chloroprene, 5x1/8" NPSF female	0101726
D	Suction cup D50 Chloroprene, 5x1/8" NPSF female, with dual flow control valve	0101733
A	Suction cup D50 Silicone, 1/8" NPSF female, with mesh filter	0101740
A	Suction cup D50 Silicone, 1/8" NPSF female, with dual flow control valve	0101741
B	Suction cup D50 Silicone, G1/4" male, with mesh filter	0101735
B	Suction cup D50 Silicone, G1/4" male, with mesh filter and dual flow control valve	0101742
C	Suction cup D50 Silicone, G3/8" male, with mesh filter	0101737
C	Suction cup D50 Silicone, G3/8" male, with mesh filter and dual flow control valve	0101744
D	Suction cup D50 Silicone, 5x1/8" NPSF female	0101739
D	Suction cup D50 Silicone, 5x1/8" NPSF female, with dual flow control valve	0101746
E	Suction cup D50 Chloroprene, 1/8" NPSF female, PA	0109841
E	Suction cup D50 Silicone, 1/8" NPSF female, PA	0110333



Rubber parts	Art. No.
Suction cup D50 Chloroprene	0101127
Suction cup D50 Silicone	0101128



Fittings	Art. No
Fitting 1/8" NPSF female, 50, with mesh filter	0101154
Fitting 1/8" NPSF female, 50, with dual flow control valve	3251012
Fitting G1/4" male, 50, with mesh filter	3250092
Fitting G1/4" male, with mesh filter and dual flow control valve	3251013
Fitting G3/8" male, 50, with mesh filter	3250087
Fitting G3/8" male, 50, with mesh filter and dual flow control valve	3251015
Fitting 5x1/8" NPSF female, 50	0100262
Fitting 5x1/8" NPSF female, 50, with dual flow control valve	3251017
Fitting 1/8" NPSF female, 50, PA	3150198

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