

F50-2 FDA

Flat suction cup with cleats



- The silicone material complies with FDA 21 CFR 177.2600.
- Suitable for flat objects.
- Good stability and little inherent movement.
- Recommended when the lifting force is parallel to the surface of the object.
- Cleats prevent thin, sensitive objects from being deformed and gives extra friction when the lifting force is parallel.

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	74	96	24.0	40	50	10	55	3.0	14

Material specifications

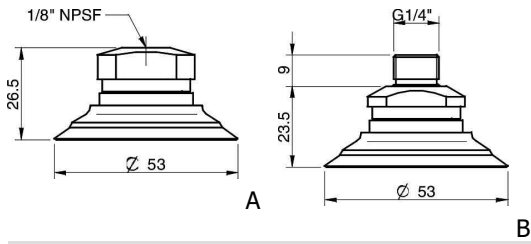
Material	Colour	Hardness °Shore A	Temperature range °C
Silicone, SIL FDA	Transparent	50	-40–200

Material resistance

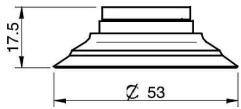
Material	Wear resistance	Oil	Weather & ozone	Hydrolysis	Petrol	Concentrated acids	Alcohol	Oxidation
Silicone, SIL FDA	Good	Poor	Excellent	Fair	Poor	Poor	Good	Excellent

Ordering information

Complete suction cups		Art. No.
A	Suction cup F50-2 Silicone FDA, 1/8" NPSF female, with mesh filter	9909631
B	Suction cup F50-2 Silicone FDA, G1/4" male, with mesh filter	9909630



Rubber parts		Art. No.
Suction cup F50-2 Silicone FDA		0200438



Fittings		Art. No.
Fitting 1/8" NPSF female, 50, with mesh filter		0101154
Fitting G1/4" male, 50, with mesh filter		3250092