

## F50MF



### Flat suction cup with cleats, mark free

- ▶ Suction cup of TPU, a mark free material that leaves no trace on the object being handled.
- ▶ Suitable for flat surfaces.
- ▶ Good stability and little inherent movement.
- ▶ Recommended when the lifting force is parallel to the surface of the object.

### 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				
24.5	92	141	31	82	107	10	95	2.0	10

### Material specifications

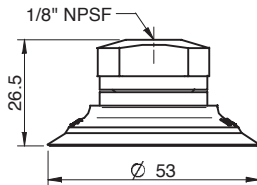
Material	Colour	Hardness °Shore A	Temperature range °C
Thermoelastic polyurethane, TPU	Transparent white	81	-20-80

### Material resistance

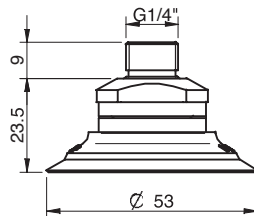
Wear resistance	Oil	Weather & Ozone	Hydrolysis	Petrol	Concentrated acids	Alcohol	Oxidation
Excellent	Excellent	Excellent	Poor	Poor	Poor	Good	Good

## Ordering information

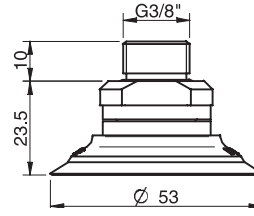
	Complete suction cups	Art. No.
A	Suction cup F50MF Thermoelastic polyurethane, 1/8" NPSF female, with mesh filter	0101791
B	Suction cup F50MF Thermoelastic polyurethane, G1/4" male, with mesh filter	0101786
B	Suction cup F50MF Thermoelastic polyurethane, G1/4" male, with mesh filter and dual flow control valve	0101793
C	Suction cup F50MF Thermoelastic polyurethane, G3/8" male, with mesh filter	0101788



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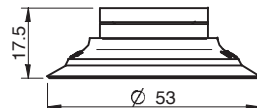


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	Rubber parts	Art. No.
	Suction cup F50MF Thermoelastic polyurethane	0101143



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	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