

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	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
24.5	92	141	31	82	107	10	95	2.0	10

MATERIAL SPECIFICATIONS

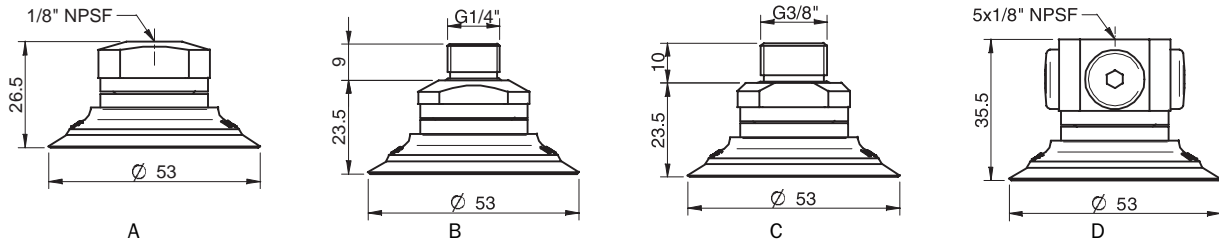
Material	Colour	Hardness °Shore A	Temperature range °C
Thermoelastic polyurethane, TPU	Transparent white	81	-20-80

MATERIAL RESISTANCE

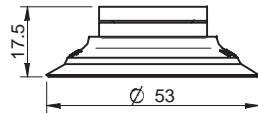
Wear resistance	Oil	Weather & Ozone	Hydrolysis	Petrol	Concentrated acids	Alcohol	Oxidation
Excellent	Excellent	Excellent	Poor	Poor	Poor	Good	Good

ORDERING INFORMATION

Complete suction cups		Art. No.
A	Suction cup F50MF Thermoelastic polyurethane, 1/8" NPSF female, with mesh filter	0101791
A	Suction cup F50MF Thermoelastic polyurethane, 1/8" NPSF female, with dual flow control valve	0101792
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
C	Suction cup F50MF Thermoelastic polyurethane, G3/8" male, with mesh filter and dual flow control valve	0101795
D	Suction cup F50MF Thermoelastic polyurethane, 5x1/8" NPSF female	0101790
D	Suction cup F50MF Thermoelastic polyurethane, 5x1/8" NPSF female, with dual flow control valve	0101797



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



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.

Suction cups
F-MF