

F40MF



F40MF

Flat suction cup with cleats, mark free

- left 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
18.0	57	83	16.0	49	57	4.8	60	2.0	6

Material specifications

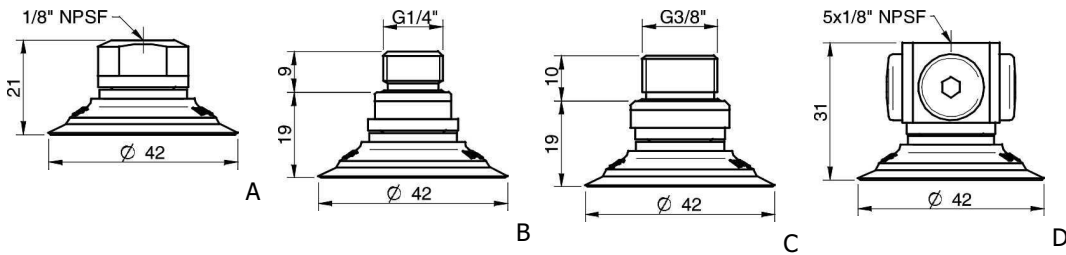
Material	Colour	Hardness °Shore A	Temperature range °C
Thermoelastic polyurethane, TPU	Transparent white	81	-20–80

Material resistance

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

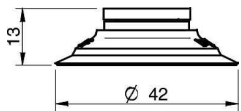
Ordering information

Complete suction cups		Art. No.
A	Suction cup F40MF Thermoelastic polyurethane, 1/8" NPSF female	0101591
A	Suction cup F40MF Thermoelastic polyurethane, 1/8" NPSF female, with dual flow control valve	0101592
B	Suction cup F40MF Thermoelastic polyurethane, G1/4" male, with mesh filter	0101586
B	Suction cup F40MF Thermoelastic polyurethane, G1/4" male, with mesh filter and dual flow control valve	0101593
C	Suction cup F40MF Thermoelastic polyurethane, G3/8" male, with mesh filter	0101588
C	Suction cup F40MF Thermoelastic polyurethane, G3/8" male, with mesh filter and dual flow control valve	0101595
D	Suction cup F40MF Thermoelastic polyurethane, 5x1/8" NPSF female	0101590



Rubber parts

Rubber parts	Art. No.
Suction cup F40MF Thermoelastic polyurethane	0101142



Fittings

Fittings	Art. No.
Fitting 1/8" NPSF female, 30–40, with mesh filter	0101153
Fitting 1/8" NPSF female, 30–40, with dual flow control valve	3251006
Fitting G1/4" male, 30–40, with mesh filter	3250091
Fitting G1/4" male, 30–40, with mesh filter and dual flow control valve	3251007
Fitting G3/8" male, 30–40, with mesh filter	3250086
Fitting G3/8" male, 30–40, with mesh and dual flow control valve	3251009
Fitting 5x1/8" NPSF female, 30–40	0100261
Fitting 5x1/8" NPSF female, 30–40, with dual flow control valve	3251011
Fitting 1/8" NPSF female, 30–40, PA	3150197