

F40MF



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 ³	Min. curve radius mm	Max. vertical movement mm	Weight rubber part g
20 -kPa	60 -kPa	90 -kPa	20 -kPa	60 -kPa	90 -kPa				
18.0	57	83	16.0	49	57	4.8	60	2.0	6

MATERIAL SPECIFICATIONS

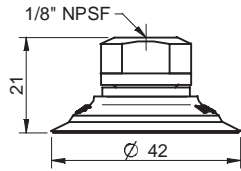
Material	Colour	Hardness °Shore A	Temperature range °C
Thermoelastic polyurethane, TPU	Transparent white	81	-20-80

MATERIAL RESISTANCE

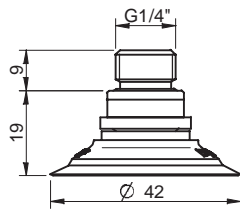
Wear resistance	Oil	Weather & Ozone	Hydrolysis	Petrol	Concentrated acids	Alcohol	Oxidation
Excellent	Excellent	Excellent	Poor	Poor	Poor	Good	Good

ORDERING INFORMATION

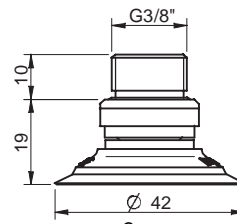
Complete suction cups		Art. No.
A	Suction cup F40MF Thermoelastic polyurethane, 1/8" NPSF female	0101591
A	Suction cup F40MF Thermoelastic polyurethane, 1/8" NPSF female, with dual flow control valve	0101592
B	Suction cup F40MF Thermoelastic polyurethane, G1/4" male, with mesh filter	0101586
B	Suction 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
D	Suction cup F40MF Thermoelastic polyurethane, 5x1/8" NPSF female, with dual flow control valve	0101597



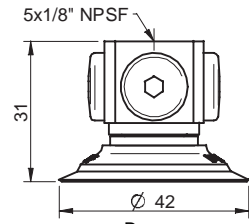
A



B

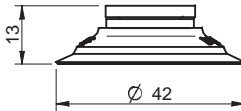


C



D

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



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

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

Suction cups
F-MF