

## F30MF



### 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				
11.0	34.5	48	13,6	28	42	2.0	44	1.5	2.2

### MATERIAL SPECIFICATIONS

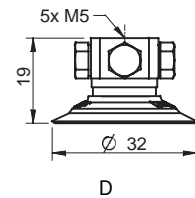
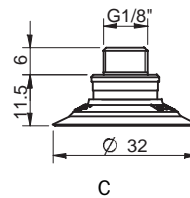
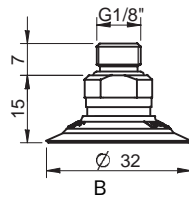
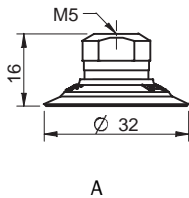
Material	Colour	Hardness °Shore A	Temperature range °C
Thermoelastic polyurethane, TPU	Transparent white	81	-20-80

### MATERIAL RESISTANCE

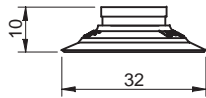
Wear resistance	Oil	Weather & Ozone	Hydrolysis	Petrol	Concentrated acids	Alcohol	Oxidation
Excellent	Excellent	Excellent	Poor	Poor	Poor	Good	Good

## ORDERING INFORMATION

Complete suction cups		Art. No.
A	Suction cup F30MF Thermoelastic polyurethane, M5 female	0101357
A	Suction cup F30MF Thermoelastic polyurethane, M5 female, with dual flow control valve	0101363
B	Suction cup F30MF Thermoelastic polyurethane, G1/8" male, with mesh filter	0101358
B	Suction cup F30MF Thermoelastic polyurethane, G1/8" male, with mesh filter and dual flow control valve	0101364
C	Suction cup F30MF Thermoelastic polyurethane, G1/8" male/M5 female, with mesh filter	0101362
C	Suction cup F30MF Thermoelastic polyurethane, G1/8" male/M5 fem., with dual flow control valve	0101366
D	Suction cup F30MF Thermoelastic polyurethane, 5xM5 female	0101361
D	Suction cup F30MF Thermoelastic polyurethane, 5xM5 female, with dual flow control valve	0101367



Rubber parts		Art. No.
Suction cup F30MF Thermoelastic polyurethane		0101141



Fittings		Art. No.
Fitting M5 female		3250003
Fitting M5 female, with dual flow control valve		3251001
Fitting G1/8" male, with mesh filter		3250085
Fitting G1/8" male, with mesh filter and dual flow control valve		3251002
Fitting G1/8" male/M5 female, with mesh filter		0101152
Fitting G1/8" male/M5 female, with dual flow control valve		3251004
Fitting 5xM5 female		0100260
Fitting 5xM5 female, with dual flow control valve		3251005
Fitting G1/8" male/M5 female, PA		3150196

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

Suction cups  
F-MF