

U40-2



Universal suction cup

- Suitable for objects with flat or slightly curved surfaces.
- Also used for concave objects.

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
20.0	39	49	14.0	22.0	27	5.5	30	4.5	4.0

Material specifications

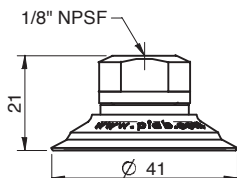
Material	Colour	Hardness °Shore A	Temperature range °C
Nitrile-PVC, NPV	Black	50	0–90
Silicone, SIL	Red	50	-40–200

Material resistance

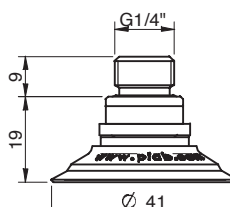
Material	Wear resistance	Oil	Weather & Ozone	Hydrolysis	Petrol	Concentrated acids	Alcohol	Oxidation
Nitrile-PVC, NPV	Excellent	Excellent	Good	Good	Excellent	Fair	Good	Good
Silicone, SIL	Good	Poor	Excellent	Fair	Poor	Poor	Good	Excellent

Ordering information

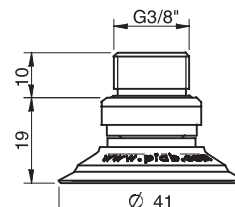
	Complete suction cups	Art. No.
A	Suction cup U40-2 Nitrile-PVC, 1/8" NPSF female, with mesh filter	0101623
B	Suction cup U40-2 Nitrile-PVC, G1/4" male, with mesh filter	0101618
B	Suction cup U40-2 Nitrile-PVC, G1/4" male, with mesh filter and dual flow control valve	0101625
C	Suction cup U40-2 Nitrile-PVC, G3/8" male, with dual flow control valve	0101627
A	Suction cup U40-2 Silicone, 1/8" NPSF female, with mesh filter	0101610
B	Suction cup U40-2 Silicone, G1/4" male, with mesh filter	0101605
C	Suction cup U40-2 Silicone, G3/8" male, with mesh filter	0101607
D	Suction cup U40-2 Silicone, 5x1/8" NPSF female	0101609
E	Suction cup U40-2 Silicone, 1/8" NPSF female, PA	0110338



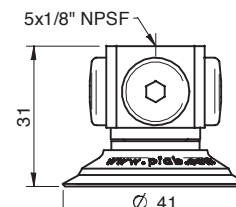
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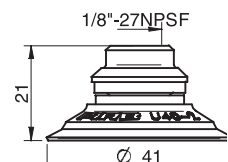
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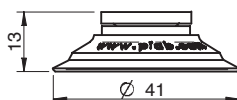


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Rubber parts	Art. No.
Suction cup U40-2 Nitrile-PVC	0101148
Suction cup U40-2 Silicone	0101149



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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