VVA-18 | Flat vacuum cups with shank

Diameter 18mm, with or without support, rubber

RoHS

MATERIAL

Vacuum cup in oil-proof rubber (NBR), natural rubber (NR), natural yellow rubber (NG), or silicone rubber (VMQ).
Nickel-plated brass support.

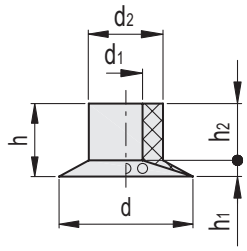
STANDARD EXECUTIONS

- **VVA-18-A**: oil-proof rubber, without support.
- **VVA-18-N**: natural rubber, without support.
- **VVA-18-NG**: natural yellow rubber, without support.
- **VVA-18-S**: silicone rubber, without support.
- **VVA-18-T-A**: oil-proof rubber, with support.
- **VVA-18-T-N**: natural rubber, with support.
- **VVA-18-T-NG**: natural yellow rubber, with support.
- **VVA-18-T-S**: silicone rubber, with support.

FEATURES AND APPLICATIONS

They are specifically intended for the packaging sector, where there is a need to handle lightweight, thin objects. Particularly in plastic film packaging and for opening bags. The flexible lip allows the vacuum cup to adapt to various types of packaged products, including fragile ones. The grooves on the vacuum cup's contact surface ensure a more effective grip on the product to be handled; in particular, they allow even distribution of the vacuum on the surface of the product, preventing the packaging sheet or bag from being sucked into the vacuum cup. They are also used in the paper converting industry, for handling sheets of paper.
See Technical Data for vacuum cups.





VVA-18-A

Code	Description	d	d_1	d_2	h	h_1	h_2	F* [Kg]	Volume # [mm3]	⚖
VV.45009	VVA-18-A	18	5	11	10	2.5	7.5	0.6	459	1

VVA-18-N

Code	Description	d	d_1	d_2	h	h_1	h_2	F* [Kg]	Volume # [mm3]	⚖
VV.45010	VVA-18-N	18	5	11	10	2.5	7.5	0.6	459	1

VVA-18-NG

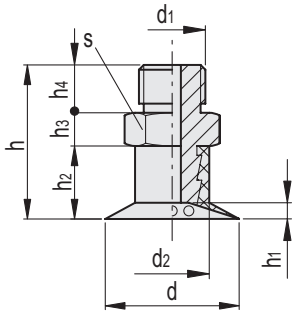
Code	Description	d	d_1	d_2	h	h_1	h_2	F* [Kg]	Volume # [mm3]	⚖
VV.45011	VVA-18-NG	18	5	11	10	2.5	7.5	0.6	459	1

VVA-18-S

Code	Description	d	d_1	d_2	h	h_1	h_2	F* [Kg]	Volume # [mm3]	⚖
VV.45012	VVA-18-S	18	5	11	10	2.5	7.5	0.6	459	1

* The force of the vacuum cups indicated in the table represents 1/3 of the value of the theoretical force calculated at a vacuum level of -75 KPa and a safety coefficient of 3.# Indicates the internal geometric volume of the vacuum cup and represent

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VVA-18-T-A

Code	Description	d	d_1	d_2	h	h_1	h_2	h_3	h_4	l	F* [Kg]	Volume # [mm3]	⚖
VV.45013	VVA-18-G1/8-T-A	18	G1/8	11	23	2.5	10	5	8	12	0.6	459	13

VVA-18-T-N

Code	Description	d	d_1	d_2	h	h_1	h_2	h_3	h_4	l	F* [Kg]	Volume # [mm3]	⚖
VV.45014	VVA-18-G1/8-T-N	18	G1/8	11	23	2.5	10	5	8	12	0.6	459	13

VVA-18-T-NG

Code	Description	d	d_1	d_2	h	h_1	h_2	h_3	h_4	l	F* [Kg]	Volume # [mm3]	⚖
VV.45015	VVA-18-G1/8-T-NG	18	G1/8	11	23	2.5	10	5	8	12	0.6	459	13

VVA-18-T-S

Code	Description	d	d_1	d_2	h	h_1	h_2	h_3	h_4	l	F* [Kg]	Volume # [mm3]	⚖
VV.45016	VVA-18-G1/8-T-S	18	G1/8	11	23	2.5	10	5	8	12	0.6	459	13

* The force of the vacuum cups indicated in the table represents 1/3 of the value of the theoretical force calculated at a vacuum level of -75 KPa and a safety coefficient of 3.# Indicates the internal geometric volume of the vacuum cup and represent

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