Flat Cup-shaped vacuum cups

Diameter 60 mm, with or without support, rubber

MATERIAL

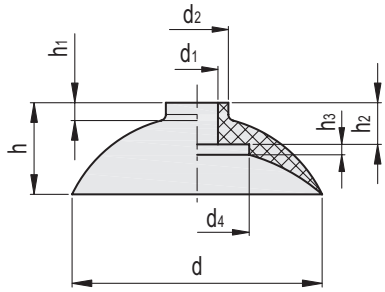
Vacuum cup in oil-proof rubber (NBR), natural (NR), or silicone (VMQ).
Support in nickel-plated brass or anodised aluminium.

STANDARD EXECUTIONS

- **VVI-60-A**: oil-proof rubber, without support.
- **VVI-60-N**: natural rubber, without support.
- **VVI-60-S**: silicone rubber, without support.
- **VVI-60-T-A**: oil-proof rubber, with support.
- **VVI-60-T-N**: natural rubber, with support.
- **VVI-60-T-S**: silicone rubber, with support.

FEATURES AND APPLICATIONS

Vacuum suction cups with a G 1/4" threaded support have an M8 threaded hole inside to allow for the possible insertion of a grub screw with a calibrated hole.
This allows the suction section of the vacuum suction cup to be reduced, thus reducing the vacuum losses that could be generated if the vacuum suction cup fails to grip the surface of the product.
They are specifically used for handling ceramic or concrete tiles with smooth or shaped surfaces and, in general, for handling products with very different technical characteristics in terms of size, materials, form, and gripping surfaces (flat, slightly convex or concave).
See Technical Data for vacuum cups (on page -).



VVI-60-A

Code	Description	d	d1	d2	d4	h	h1	h2	h3	F* [Kg]	Volume # [cm3]	⚖
VV.53025	VVI-60-A	60	10	15	25	22	4	10	2.5	7	18	15

VVI-60-N

Code	Description	d	d1	d2	d4	h	h1	h2	h3	F* [Kg]	Volume # [cm3]	⚖
VV.53026	VVI-60-N	60	10	15	25	22	4	10	2.5	7	18	15

VVI-60-S

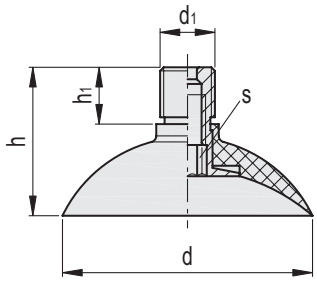
Code	Description	d	d1	d2	d4	h	h1	h2	h3	F* [Kg]	Volume # [cm3]	⚖
VV.53027	VVI-60-S	60	10	15	25	22	4	10	2.5	7	18	15

* 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 represents the volume to be added to the entire distribution circuit for the calculation of the evacuation time, especially if multiple vacuum cups are used.

VVI-60

Flat Cup-shaped vacuum cups



VVI-60-T-A

Code	Description	d	d1	h	h1	s	F* [Kg]	Volume # [cm3]	⚖
VV.53028	VVI-60-G1/4-T-A	60	G1/4	36	14	8	7	18	21
VV.54022	VVI-60-G1/8-T-A	60	G1/8	36	14	8	7	18	20
VV.54025	VVI-60-M6-T-A	60	M6	36	14	8	7	18	19
VV.54028	VVI-60-M8-T-A	60	M8	36	14	8	7	18	20
VV.54031	VVI-60-M10-T-A	60	M10	36	14	8	7	18	21

VVI-60-T-N

Code	Description	d	d1	h	h1	s	F* [Kg]	Volume # [cm3]	⚖
VV.53029	VVI-60-G1/4-T-N	60	G1/4	36	14	8	7	18	21
VV.54023	VVI-60-G1/8-T-N	60	G1/8	36	14	8	7	18	20
VV.54026	VVI-60-M6-T-N	60	M6	36	14	8	7	18	19
VV.54029	VVI-60-M8-T-N	60	M8	36	14	8	7	18	20
VV.54032	VVI-60-M10-T-N	60	M10	36	14	8	7	18	21

VVI-60-T-S

Code	Description	d	d1	h	h1	s	F* [Kg]	Volume # [cm3]	⚖
VV.53030	VVI-60-G1/4-T-S	60	G1/4	36	14	8	7	18	21
VV.54024	VVI-60-G1/8-T-S	60	G1/8	36	14	8	7	18	20
VV.54027	VVI-60-M6-T-S	60	M6	36	14	8	7	18	19
VV.54030	VVI-60-M8-T-S	60	M8	36	14	8	7	18	20
VV.54033	VVI-60-M10-T-S	60	M10	36	14	8	7	18	21

* 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 represents the volume to be added to the entire distribution circuit for the calculation of the evacuation time, especially if multiple vacuum cups are used.