



VMG134 SUCTION CUP FOR STRUCTURED TILES

3D drawings are available on vuototecnica.net

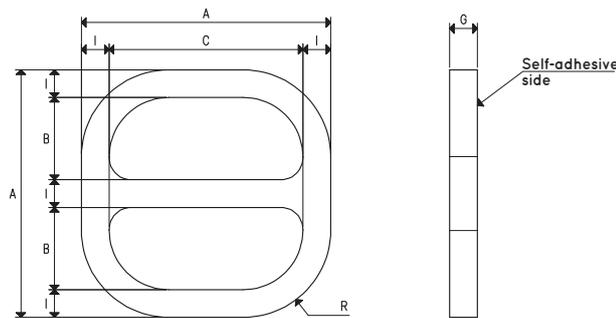
1

The VMG134 vacuum cup is specifically designed for use on automatic sorting machines dedicated to handling textured tiles. Its shape and the material used allow for a secure grip even on uneven, rough or raised surfaces, where traditional vacuum cups are not effective. Made of high-density foam rubber, the VMG134 maintains its elasticity even after numerous work cycles, ensuring consistent performance over time. It is available in three different compounds, each suitable for specific thermal conditions: the EPDM rubber (SB) version is resistant to temperatures between -40 °C and +130 °C, the Geranium foam rubber (OF) works between -40 °C and +80 °C, while the neoprene (NF) is suitable for temperatures between -20 °C and +80 °C. One side of the vacuum cup is self-adhesive, allowing for quick and secure attachment to the support. The vacuum cup support is made of anodised Anticorodal, a material that ensures strength and corrosion resistance.

It has four holes for attachment to the automatic machine and two vacuum connections, which allow for gripping and even partial movement of the piece.

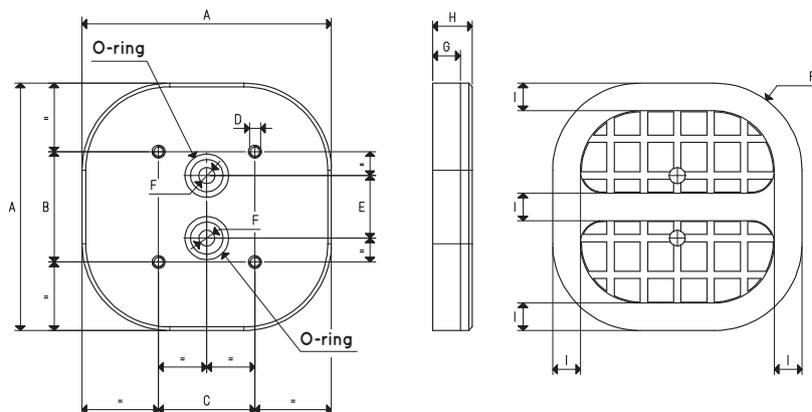
Both connections are sealed with NBR O-rings, ensuring optimal system sealing.

For maintenance, simply replace the self-adhesive foam rubber only, requesting it in the desired compound based on operating conditions. The VMG134 vacuum cup is therefore an effective, durable and versatile solution for all applications where the surface of the material to be handled does not allow the use of conventional vacuum cups.



VACUUM CUPS

Item	Force Kg	Compounds available	Volume cm ³	A	B	C	G	I	R	Support item	Weight Kg
01 134 134 *	20.84	SB/OF/NF	125.04	134.5	44.75	104.5	15	15	47	00 08 479	



VACUUM CUPS WITH SUPPORT

Item	Force Kg	Compounds available	A	B	C	D Ø	E	F Ø	R	I	G	H	Vacuum cup item	Support item	Weight Kg
VMG 134 *	20.84	SB/OF/NF	134.5	60	52	M6	34	8.5	47	15	15	21.5	01 134 134 *	00 08 479	

* Complete the code indicating the compound: **SB** = extra soft foam rubber; **OF** = geranium foam rubber; **NF** = neoprene foam rubber

Note: Cups in special compounds, listed on page 31 can be provided upon specific request in minimum quantities to be defined in the order.

The force of the vacuum cups indicated in the table represents 1/3 of the value of the theoretical force calculated at a level of vacuum of -75 KPa and a factor of safety 3.

Transformation ratio: N (newton) = Kg x 9.81 (force of gravity) inch = $\frac{\text{mm}}{25.4}$; pounds = $\frac{\text{g}}{453.6} = \frac{\text{Kg}}{0.4536}$ Adapters for GAS - NPT threading available on page 1.134