## Flat vacuum cups with shank

## Diameter 44mm, with or without support, rubber

## MATERIAL

Vacuum cup in natural rubber (NR) or yellow natural rubber (NG) Aluminium support.

## STANDARD EXECUTIONS

VVA-44-N: natural rubber, without support.
VVA-44-NG: natural yellow rubber, without support.
VVA-44-T-N: natural rubber, with support.
VVA-44-T-NG: natural yellow rubber, with support.

## FEATURES AND APPLICATIONS

They are specifically used in the paper converting sector, in particular for the handling of cardboard sheets
The presence of the grooves on the surface of the vacuum cup allows for superior grip and a more effective grip on the object to be manipulated.
See Technical Data for vacuum cups (on page -).


VVA-44-T


## VVA-44-N

| Code | Description | d | d1 | d2 | d3 | h | h1 | h2 | $\begin{gathered} F^{*} \\ {[\mathrm{Kg}]} \end{gathered}$ | Volume \# [cm3] | $\Delta \Delta$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| VV. 45031 | VVA-44-N | 44 | 38 | 11.5 | 25 | 29 | 4 | 25 | 3.8 | 6.7 | 12 |

## VVA-44-NG

| Code | Description | d | d1 | d2 | d3 | h | h1 | h2 | $\begin{gathered} \mathrm{F}^{*} \\ {[\mathrm{Kg}]} \end{gathered}$ | Volume \# [cm3] | $\Delta$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| VV. 45032 | VVA-44-NG | 44 | 38 | 11.5 | 25 | 29 | 4 | 25 | 3.8 | 6.7 | 12 |

VVA-44-T-N

| Code | Description | d | d1 | d2 | d3 | h | h1 | h2 | h3 | h4 | s | $\begin{gathered} \mathbf{F}^{*} \\ {[\mathrm{Kg}]} \end{gathered}$ | Volume \# [cm3] | $\Delta$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| VV. 45033 | VVA-44-G1/4-T-N | 44 | 38 | G1/4 | 25 | 51 | 4 | 29 | 8 | 14 | 17 | 3.8 | 6.7 | 23 |

VVA-44-T-NG

| Code | Description | d | d1 | d2 | d3 | h | h1 | h2 | h3 | h4 | S | $\begin{gathered} \mathrm{F}^{*} \\ {[\mathrm{Kg}]} \end{gathered}$ | Volume \# [cm3] | $\Delta$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| VV. 45034 | VVA-44-G1/4-T-NG | 44 | 38 | G1/4 | 25 | 51 | 4 | 29 | 8 | 14 | 17 | 3.8 | 6.7 | 23 |

* 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.

