

Ventose

- Due tipologie: piane o con 1.5 soffietti.
- Due materiali: Silicone (SIL) o Cloroprene (CR).
- Diametri da 5mm a 11mm.
- Due nipples (AVP).

Vacuum cups

- Two styles: flat or with 1.5 bellows.
- Two materials: Silicone (SIL) or Chloroprene (CR).
- Diameters from 5mm to 11mm.
- Two nipples (AVP).

| Materiali / Materials | | Colore Color | Durezza Hardness | Temperatura di esercizio Temperature range |
|---------------------------|-----|-----------------|---------------------|---|
| Silicone Silicone | SIL | Rosso Red | 50 Sh.A | -40 ÷ +200°C. |
| Cloroprene Chloroprene | CR | Nero Black | 50 Sh.A | -40 ÷ +110°C. |

Ventose piane

- Adatte per oggetti con superfici piane o leggermente curve.
- Consentono la presa su superfici concave.

Flat vacuum cups

- Suitable for objects with flat or slightly curved surfaces.
- Also able to pick up concave objects.

| | Material Material | Niplo Nipple | D1 [mm] | H1 [mm] | R [mm] | s [mm] | V [cm³] | m [g] | F [N] | |
|--|----------------------|-----------------|-------------|------------|-----------|-----------|------------|----------|----------|-----|
| | VP.3150114 | CR | AVP.3107031 | Ø5 | 6.1 | 3 | 0.2 | 0.03 | 0.08 | 0.9 |
| | VP.3150114S | SIL | AVP.3107031 | Ø5 | 6.1 | 3 | 0.2 | 0.03 | 0.08 | 0.9 |
| | VP.3150115 | CR | AVP.3107031 | Ø7 | 7 | 5 | 0.3 | 0.05 | 0.14 | 1.7 |
| | VP.3150115S | SIL | AVP.3107031 | Ø7 | 7 | 5 | 0.3 | 0.05 | 0.14 | 1.7 |
| | VP.3150116 | CR | AVP.3107031 | Ø9 | 7 | 6 | 0.5 | 0.1 | 0.16 | 2.9 |
| | VP.3150116S | SIL | AVP.3107031 | Ø9 | 7 | 6 | 0.5 | 0.1 | 0.16 | 2.9 |
| | VP.3150117 | CR | AVP.3107030 | Ø11 | 10.5 | 8 | 0.5 | 0.18 | 0.65 | 4.4 |
| | VP.3150117S | SIL | AVP.3107030 | Ø11 | 10.5 | 8 | 0.5 | 0.18 | 0.65 | 4.4 |

Ventose a soffietto

- Creano spostamenti verso l'alto per la separazione di particolari sottili.
- Poco adatte a manipolare oggetti con forza di sollevamento parallela alla superficie.
- Consentono di compensare differenze di altezza.

Bellow vacuum cups

- Lifting movements to separate thin objects.
- Not recommended for handling objects with the lifting force parallel to the surface.
- Suitable for level adjustment.

| | Material Material | Niplo Nipple | D2 [mm] | D3 [mm] | H2 [mm] | R [mm] | s [mm] | V [cm³] | m [g] | F [N] | |
|--|----------------------|-----------------|-------------|------------|------------|-----------|-----------|------------|----------|----------|-----|
| | VP.3150286 | CR | AVP.3107031 | Ø5.6 | Ø6.2 | 9.2 | 1.5 | 1.5 | 0.05 | 0.11 | 0.8 |
| | VP.3150286S | SIL | AVP.3107031 | Ø5.6 | Ø6.2 | 9.2 | 1.5 | 1.5 | 0.05 | 0.11 | 0.8 |
| | VP.3150287 | CR | AVP.3107031 | Ø8.8 | Ø9.6 | 11.9 | 1.9 | 3.5 | 0.15 | 0.3 | 1.6 |
| | VP.3150287S | SIL | AVP.3107031 | Ø8.8 | Ø9.6 | 11.9 | 1.9 | 3.5 | 0.15 | 0.3 | 1.6 |
| | VP.3150101 | CR | AVP.3107030 | Ø11 | Ø12 | 16.4 | 4 | 4.5 | 0.48 | 1 | 3.4 |
| | VP.3150101S | SIL | AVP.3107030 | Ø11 | Ø12 | 16.4 | 4 | 4.5 | 0.48 | 1 | 3.4 |

- R Il raggio della più piccola sfera prendibile
Radius of the smallest grippable ball
- V Il volume interno
The inner volume
- s Corsa verticale
Vertical stroke
- m Peso
Weight
- F Forza di sollevamento a -0.6bar
Suction force at -0.6bar

