

SUCTION CUPS / Multi Bellows & Flat

VPF Series

Features and Strengths

Highly fast operation in automobile, glass and wooden panel industry
Excellent for oily surface products and convex products
Innovatively designed for slightly curved and flat material

Advantages

Very flexible adjustment according to different surface and shape
Excellent for thin, oily and flat and slightly curved metal sheets and automotive panels
Longer life time with PU material (3times longer than NBR of competitor)

Application



Examples of use

Metal sheets, Car panel, Press metal sheets, Panel,
Electronic goods, Glass, Carton boxes, Furniture, Wood panel

Available size options

| Model | Description | Model | Description |
|-------|-------------------------------|--------|--------------------------------|
| VPF25 | Bellows-flat suction cup, Ø25 | VPF60 | Bellows-flat suction cup, Ø60 |
| VPF30 | Bellows-flat suction cup, Ø30 | VPF80 | Bellows-flat suction cup, Ø80 |
| VPF40 | Bellows-flat suction cup, Ø40 | VPF100 | Bellows-flat suction cup, Ø100 |
| VPF50 | Bellows-flat suction cup, Ø50 | | |



I Recommended Lifting Force (Max.)

| Model | Volume (cm ³) | Lifting Force (Kg) - Perpendicular | | | Lifting Force (Kg) - Parallel | | | Page |
|--------|---------------------------|------------------------------------|----------|----------|-------------------------------|----------|----------|------|
| | | - 20 kPa | - 60 kPa | - 90 kPa | - 20 kPa | - 60 kPa | - 90 kPa | |
| VPF25 | 2.6 | 1.10 | 3.20 | 3.80 | 0.61 | 1.37 | 1.89 | 412 |
| VPF30 | 6.0 | 1.77 | 6.26 | 9.48 | 0.86 | 3.09 | 7.75 | 414 |
| VPF40 | 7.20 | 2.50 | 9.66 | 12.80 | 1.18 | 6.50 | 11.30 | 416 |
| VPF50 | 11.00 | 4.18 | 13.20 | 16.28 | 2.09 | 9.60 | 14.70 | 418 |
| VPF60 | 22.00 | 8.94 | 16.26 | 18.54 | 6.84 | 12.84 | 16.92 | 420 |
| VPF80 | 59.50 | 11.92 | 21.68 | 24.72 | 9.12 | 17.12 | 22.56 | 422 |
| VPF100 | 103.50 | 14.90 | 27.10 | 30.90 | 11.40 | 21.40 | 28.20 | 424 |

※ The lifting force above does not include safety factor