

SUCTION CUPS / Flat

VF300



Features and Strengths

Specifically designed for flat and curved surface
Available to handle multiple objects with the same suction cup

Examples of use

Metal sheet, Veneer sheets, Glass, Electronic components



Recommended Lifting Force (Max.)

Model	Volume (cm ³)	Lifting Force (Kg) - Perpendicular			Lifting Force (Kg) - Parallel		
		- 20 kPa	- 60 kPa	- 90 kPa	- 20 kPa	- 60 kPa	- 90 kPa
VF300	820.00	163	438	653	135	307	476

※ The lifting force above does not include safety factor

Material Specifications

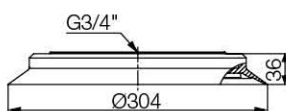
Material	Hardness Shore (°)	Color	Temperature (°C)
NBR	60	Black	-20~110
Silicone	55	Red	-70~200
White Silicone	55	Translucent White	-70~200
White Silicone (FDA)	55	Translucent White	-70~200
High temp. Silicone	50	Blue	-70~280
Conductive Silicone	70	Smoky Black	-45~90
Urethane	60	Dark Green	0~100
Mark Free	75	Black	-10~100

Material Resistance

Description	NBR	Silicone	White Silicone	High temp. Silicone	Conductive Silicone	Urethane	Mark Free
Wear Resistance	Excellent	Good	Good	Good	Good	Excellent	Good
Oil	Excellent	Poor	Poor	Poor	Poor	Excellent	Excellent
Weather / Ozone	Fair	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
Alcohol	Good	Good	Good	Good	Good	Fair	Good
Acid	Fair	Poor	Poor	Poor	Poor	Poor	Excellent

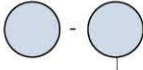
Dimension

[Unit : mm]



[With 34F fitting]

Build an Ordering No.

VF300 -  : Pre-mounted fitting
 1. Suction Cup

1. Suction cup	Description	Weight (g)	Symbol
	Flat suction cup, 300mm diameter, Nitrile (NBR), G3/4 female fitting	2677	VF300-N-34F
	Flat suction cup, 300mm diameter, Silicone, G3/4 female fitting	2646.37	VF300-S-34F
	Flat suction cup, 300mm diameter, White silicone, G3/4 female fitting	2670.15	VF300-WS-34F
	Flat suction cup, 300mm diameter, White silicone (FDA), G3/4 female fitting	2670.15	VF300-WS-34F (FDA)
	Flat suction cup, 300mm diameter, High temperature silicone, G3/4 female fitting	2768.28	VF300-HS-34F
	Flat suction cup, 300mm diameter, Conductive silicone , G3/4 female fitting	2651.03	VF300-CS-34F
	Flat suction cup, 300mm diameter, Urethane, G3/4 female fitting	2773.37	VF300-U-34F
	Flat suction cup, 300mm diameter, Mark free, G3/4 female fitting	2842.23	VF300-A-34F