

SUCTION CUPS / Deep Flat

VDF100

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

Examples of use

Metal sheets, Car panel, Press metal sheets, Panel,
 Electronic goods, Flat&curved glass



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
VDF100	94.00	12.60	30.80	41.70	12.30	28.20	39.60

※ The lifting force above does not include safety factor

Material Specifications

Material	Hardness Shore (°)	Color	Temperature (°C)
Polyurethane	60	Translucent Orange	0~60

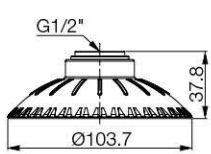
※ For additional material, see page 32~33

Material Resistance

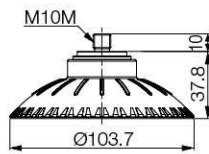
Description	Polyurethane
Wear Resistance	Excellent
Oil	Excellent
Weather / Ozone	Excellent
Alcohol	Fair
Acid	Fair

Dimension

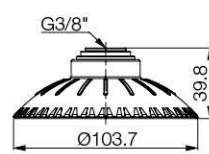
[Unit : mm]



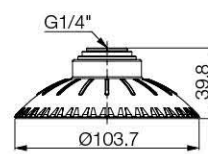
[With 12F fitting]



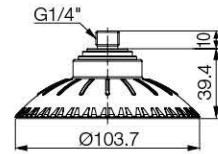
[With M10M fitting]



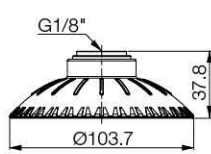
[With 38F fitting]



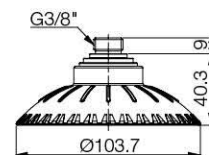
[With 14F fitting]



[With 14M fitting]

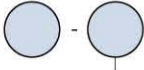


[With 18F fitting]



[With 38M fitting]

I Build an Ordering No.

VDF100 -  : Pre-mounted fitting
 1. Suction Cup

1. Suction cup	Description	Weight (g)	Symbol
	Deep-flat suction cup, 100mm diameter, Polyurethane, M10xP1.5 male fitting	63.15	VDF100-PU-M10M
	Deep-flat suction cup, 100mm diameter, Polyurethane, G1/8 female fitting	59.42	VDF100-PU-18F
	Deep-flat suction cup, 100mm diameter, Polyurethane, G1/4 female fitting	57.14	VDF100-PU-14F
	Deep-flat suction cup, 100mm diameter, Polyurethane, G1/4 male fitting	64.23	VDF100-PU-14M
	Deep-flat suction cup, 100mm diameter, Polyurethane, G3/8 female fitting	56.52	VDF100-PU-38F
	Deep-flat suction cup, 100mm diameter, Polyurethane, G3/8 male fitting	64.23	VDF100-PU-38M
	Deep-flat suction cup, 100mm diameter, Polyurethane, G1/2 female fitting	53.32	VDF100-PU-12F