

SUCTION CUPS / Deep

VD90F

Features and Strengths

Suitable for curved or irregular surfaces.
Excellent performance for round corners and edges

Examples of use

Automobile Roofs and Doors, Metal Sheets, Plastic Sheets,
Veneer Sheets, Shaped Metal panels



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
VD90F	56.00	9.25	24.36	32.17	7.97	14.42	18.15

※ The lifting force above does not include safety factor

Material Specifications

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

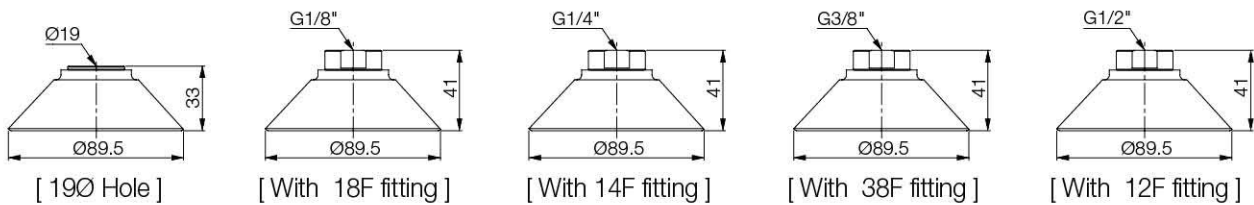
※ For additional material, see page 32~33

Material Resistance

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

Dimension

[Unit : mm]



Build an Ordering No.



: Pre-mounted fitting

1. Suction cup	Description	Weight (g)	Symbol
	Deep suction cup, 90mm diameter, Polyurethane, G1/8 female	65.49	VD90F-PU-18F
	Deep suction cup, 90mm diameter, Polyurethane, G1/4 female	63.05	VD90F-PU-14F
	Deep suction cup, 90mm diameter, Polyurethane, G3/8 female	60.60	VD90F-PU-38F
	Deep suction cup, 90mm diameter, Polyurethane, G1/2 female	59.88	VD90F-PU-12F
	Deep suction cup, 90mm diameter, Polyurethane, 19Ø hole	49.21	VD90F-PU-H19
	Deep suction cup, 90mm diameter, Polyurethane, M10 male	57.68	VD90F-PU-M10M