

SUCTION CUPS / Flat & Curve

FCF125



Features and Strengths

Excellent for flat and curved material in both vertical and horizontal application
No vibration when transferring

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
FCF125	115.00	19.40	44.50	57.90	19.10	42.50	64.90

※ The lifting force above does not include safety factor

Material Specifications

Material	Hardness Shore (°)	Color	Temperature (°C)
NBR	60	Blue	-20~110
Silicone	55	Red	-70~200
Polyurethane	60	Translucent Orange	0~60

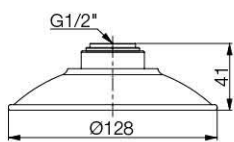
※ For additional material, see page 32~33

Material Resistance

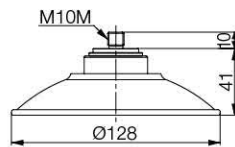
Description	NBR	Silicone	Polyurethane
Wear Resistance	Excellent	Good	Excellent
Oil	Excellent	Poor	Excellent
Weather / Ozone	Fair	Excellent	Excellent
Alcohol	Good	Good	Fair
Acid	Fair	Poor	Fair

Dimension

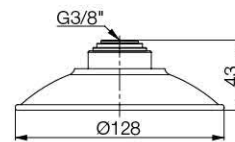
[Unit : mm]



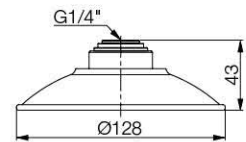
[With 12F fitting]



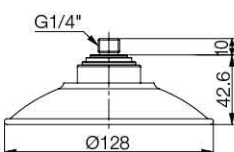
[With M10M fitting]



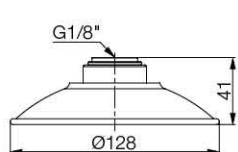
[With 38F fitting]



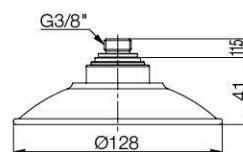
[With 14F fitting]



[With 14M fitting]



[With 18F fitting]



[With 38M fitting]

I Build an Ordering No.

FCF125 -  - 
1. Suction Cup

: Pre-mounted fitting

1. Suction cup	Description	Weight (g)	Symbol
	Flat-curve suction cup, 125mm diameter, Nitrile (NBR), M10xP1.5 male fitting	112.27	FCF125-N-M10M
	Flat-curve suction cup, 125mm diameter, Silicone, M10xP1.5 male fitting	99.15	FCF125-S-M10M
	Flat-curve suction cup, 125mm diameter, Polyurethane, M10xP1.5 male fitting	106.48	FCF125-PU-M10M
	Flat-curve suction cup, 125mm diameter, Nitrile (NBR), G1/8 female fitting	114.23	FCF125-N-18F
	Flat-curve suction cup, 125mm diameter, Silicone, G1/8 female fitting	103.65	FCF125-S-18F
	Flat-curve suction cup, 125mm diameter, Polyurethane, G1/8 female fitting	105.93	FCF125-PU-18F
	Flat-curve suction cup, 125mm diameter, Nitrile (NBR), G1/4 female fitting	123.31	FCF125-N-14F
	Flat-curve suction cup, 125mm diameter, Silicone, G1/4 female fitting	112.73	FCF125-S-14F
	Flat-curve suction cup, 125mm diameter, Polyurethane, G1/4 female fitting	115.01	FCF125-PU-14F
	Flat-curve suction cup, 125mm diameter, Nitrile (NBR), G1/4 male fitting	118.17	FCF125-N-14M
	Flat-curve suction cup, 125mm diameter, Silicone, G1/4 male fitting	107.59	FCF125-S-14M
	Flat-curve suction cup, 125mm diameter, Polyurethane, G1/4 male fitting	109.87	FCF125-PU-14M
	Flat-curve suction cup, 125mm diameter, Nitrile (NBR), G3/8 female fitting	123.74	FCF125-N-38F
	Flat-curve suction cup, 125mm diameter, Silicone, G3/8 female fitting	108.18	FCF125-S-38F
	Flat-curve suction cup, 125mm diameter, Polyurethane, G3/8 female fitting	101.01	FCF125-PU-38F
	Flat-curve suction cup, 125mm diameter, Nitrile (NBR), G3/8 male fitting	131.42	FCF125-N-38M
	Flat-curve suction cup, 125mm diameter, Silicone, G3/8 male fitting	115.86	FCF125-S-38M
	Flat-curve suction cup, 125mm diameter, Polyurethane, G3/8 male fitting	108.69	FCF125-PU-38M
	Flat-curve suction cup, 125mm diameter, Nitrile (NBR), G1/2 female fitting	120.56	FCF125-N-12F
	Flat-curve suction cup, 125mm diameter, Silicone, G1/2 female fitting	105	FCF125-S-12F
	Flat-curve suction cup, 125mm diameter, Polyurethane, G1/2 female fitting	97.83	FCF125-PU-12F