

SUCTION CUPS / Flat & Curve

FCF70



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
FCF70	20.70	7.60	19.60	28.20	6.30	15.80	20.10

※ 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

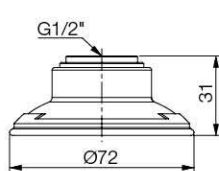
※ For additional material, see page 32~33

Material Resistance

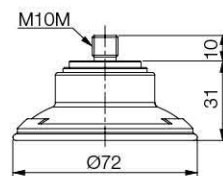
Description	NBR	Silicone	Polyurethane
Wear Resistance	Excellent	Good	Excellent
Oil	Excellent	Poor	Excellent
Weather / Ozone	Fair	Excellent	Excellent
Alcohol	Good	Good	Fair
Acid	Fair	Poor	Fair

Dimension

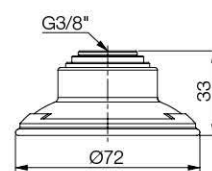
[Unit : mm]



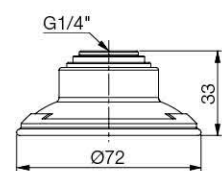
[With 12F fitting]



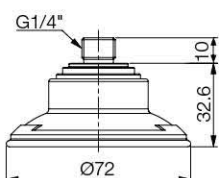
[With M10M fitting]



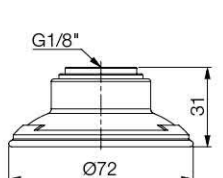
[With 38F fitting]



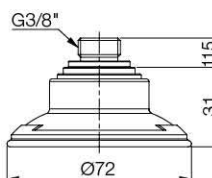
[With 14F fitting]



[With 14M fitting]



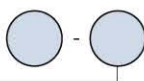
[With 18F fitting]



[With 38M fitting]



Build an Ordering No.

FCF70 - 

: Pre-mounted fitting

1. Suction Cup

1. Suction cup	Description	Weight (g)	Symbol
	Flat-curve suction cup, 70mm diameter, Nitrile (NBR), M10xP1.5 male fitting	59.36	FCF70-N-M10M
	Flat-curve suction cup, 70mm diameter, Silicone, M10xP1.5 male fitting	50.19	FCF70-S-M10M
	Flat-curve suction cup, 70mm diameter, Polyurethane, M10xP1.5 male fitting	53.9	FCF70-PU-M10M
	Flat-curve suction cup, 70mm diameter, Nitrile (NBR), G1/8 female fitting	57.2	FCF70-N-18F
	Flat-curve suction cup, 70mm diameter, Silicone, G1/8 female fitting	50.58	FCF70-S-18F
	Flat-curve suction cup, 70mm diameter, Polyurethane, G1/8 female fitting	51.7	FCF70-PU-18F
	Flat-curve suction cup, 70mm diameter, Nitrile (NBR), G1/4 female fitting	66.28	FCF70-N-14F
	Flat-curve suction cup, 70mm diameter, Silicone, G1/4 female fitting	59.66	FCF70-S-14F
	Flat-curve suction cup, 70mm diameter, Polyurethane, G1/4 female fitting	60.78	FCF70-PU-14F
	Flat-curve suction cup, 70mm diameter, Nitrile (NBR), G1/4 male fitting	61.14	FCF70-N-14M
	Flat-curve suction cup, 70mm diameter, Silicone, G1/4 male fitting	54.52	FCF70-S-14M
	Flat-curve suction cup, 70mm diameter, Polyurethane, G1/4 male fitting	55.64	FCF70-PU-14M
	Flat-curve suction cup, 70mm diameter, Nitrile (NBR), G3/8 female fitting	52.71	FCF70-N-38F
	Flat-curve suction cup, 70mm diameter, Silicone, G3/8 female fitting	46.7	FCF70-S-38F
	Flat-curve suction cup, 70mm diameter, Polyurethane, G3/8 female fitting	47.36	FCF70-PU-38F
	Flat-curve suction cup, 70mm diameter, Nitrile (NBR), G3/8 male fitting	60.39	FCF70-N-38M
	Flat-curve suction cup, 70mm diameter, Silicone, G3/8 male fitting	54.38	FCF70-S-38M
	Flat-curve suction cup, 70mm diameter, Polyurethane, G3/8 male fitting	55.04	FCF70-PU-38M
	Flat-curve suction cup, 70mm diameter, Nitrile (NBR), G1/2 female fitting	49.53	FCF70-N-12F
	Flat-curve suction cup, 70mm diameter, Silicone, G1/2 female fitting	43.52	FCF70-S-12F
	Flat-curve suction cup, 70mm diameter, Polyurethane, G1/2 female fitting	44.18	FCF70-PU-12F

