

FFU Series

Feature

- ▶ Suitable for thin film and sensitive sheet
- ▶ Can handle the product with non-mark and damage

Example of Use

- ▶ Thin Film
- ▶ Display
- ▶ Semi-conductor
- ▶ Thin metal sheet (foil)



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 ~ 95
Urethane	60	Dark Green	0 ~ 100
Mark Free	75	Black	-10 ~ 100



FFU25



Recommended Lifting Force (Max.)

Model	Volume (cm ³)	Lifting Force (Kg) - Perpendicular		
		- 20 kPa	- 60 kPa	- 90 kPa
FFU25	0.29	0.9	2.5	3.6

Ordering No Example.

FFU25 - S - M5M

1. Suction Cup

2. Fitting

1. Suction Cup	Description	Ordering No.
	Mark free and Flat structure suction cup, 25mm diameter, Nitrile (NBR)	FFU25-N
	Mark free and Flat structure suction cup, 25mm diameter, Silicone	FFU25-S
	Mark free and Flat structure suction cup, 25mm diameter, White Silicone	FFU25-WS
	Mark free and Flat structure suction cup, 25mm diameter, White Silicone(FDA)	FFU25-WS(FDA)
	Mark free and Flat structure suction cup, 25mm diameter, High temperature Silicone	FFU25-HS
	Mark free and Flat structure suction cup, 25mm diameter, Conductive Silicone	FFU25-CS
	Mark free and Flat structure suction cup, 25mm diameter, Conductive Silicone(10 ⁶ ~10 ⁹)	FFU25-C69S
	Mark free and Flat structure suction cup, 25mm diameter, Urethane	FFU25-U
	Mark free and Flat structure suction cup, 25mm diameter, Mark Free	FFU25-A
2. Fitting	Description	Ordering No.
	Fitting, M5 male	M5M



FFU27



Recommended Lifting Force (Max.)

Model	Volume (cm ³)	Lifting Force (Kg) - Perpendicular		
		- 20 kPa	- 60 kPa	- 90 kPa
FFU27	0.33	1.1	3.0	4.2

Ordering No Example.

FFU27 - S - M5M

1. Suction Cup

2. Fitting

1. Suction Cup	Description	Ordering No.
	Mark free and Flat structure suction cup, 27mm diameter, Nitrile (NBR)	FFU27-N
	Mark free and Flat structure suction cup, 27mm diameter, Silicone	FFU27-S
	Mark free and Flat structure suction cup, 27mm diameter, White Silicone	FFU27-WS
	Mark free and Flat structure suction cup, 27mm diameter, White Silicone(FDA)	FFU27-WS(FDA)
	Mark free and Flat structure suction cup, 27mm diameter, High temperature Silicone	FFU27-HS
	Mark free and Flat structure suction cup, 27mm diameter, Conductive Silicone	FFU27-CS
	Mark free and Flat structure suction cup, 27mm diameter, Conductive Silicone(10 ⁶ ~10 ⁹)	FFU27-C69S
	Mark free and Flat structure suction cup, 27mm diameter, Urethane	FFU27-U
	Mark free and Flat structure suction cup, 27mm diameter, Mark Free	FFU27-A
2. Fitting	Description	Ordering No.
	Fitting, M5 male	M5M



FFU30



Recommended Lifting Force (Max.)

Model	Volume (cm ³)	Lifting Force (Kg) - Perpendicular		
		- 20 kPa	- 60 kPa	- 90 kPa
FFU30	0.41	1.3	3.6	4.8

Ordering No Example.

FFU30 - S - M5M

1. Suction Cup

2. Fitting

1. Suction Cup	Description	Ordering No.
	Mark free and Flat structure suction cup, 30mm diameter, Nitrile (NBR)	FFU30-N
	Mark free and Flat structure suction cup, 30mm diameter, Silicone	FFU30-S
	Mark free and Flat structure suction cup, 30mm diameter, White Silicone	FFU30-WS
	Mark free and Flat structure suction cup, 30mm diameter, White Silicone(FDA)	FFU30-WS(FDA)
	Mark free and Flat structure suction cup, 30mm diameter, High temperature Silicone	FFU30-HS
	Mark free and Flat structure suction cup, 30mm diameter, Conductive Silicone	FFU30-CS
	Mark free and Flat structure suction cup, 30mm diameter, Conductive Silicone(10 ⁶ ~10 ⁹)	FFU30-C69S
	Mark free and Flat structure suction cup, 30mm diameter, Urethane	FFU30-U
	Mark free and Flat structure suction cup, 30mm diameter, Mark Free	FFU30-A
2. Fitting	Description	Ordering No.
	Fitting, M5 male	M5M

