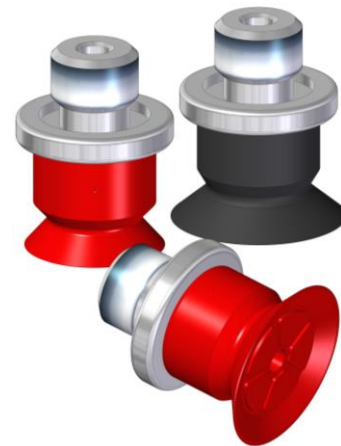


# UF Series

## Feature

- Suitable for semi-conductor handling
- The bottom of the cup has grooves on the flat surface like the FF cup, cup has thin lip edge, so it's suitable for grabbing thin and deformable products



## 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        |



## UF8



### Recommended Lifting Force (Max.)

| Model | Volume (cm <sup>3</sup> ) | Lifting Force (Kg) - Perpendicular |          |          |
|-------|---------------------------|------------------------------------|----------|----------|
|       |                           | - 20 kPa                           | - 60 kPa | - 90 kPa |
| UF8   | 0.16                      | 0.07                               | 0.24     | 0.35     |

\* The lifting force above does not include safety factors

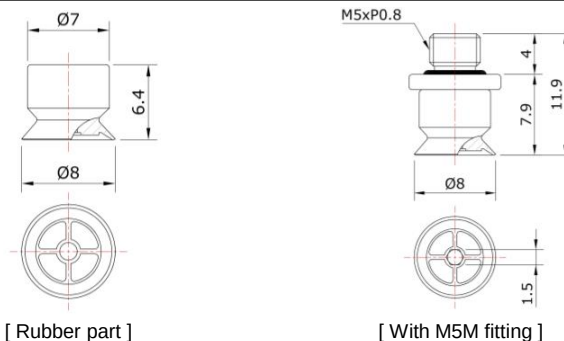
### Ordering No Example.

UF8 - S - M5M

1. Suction Cup      2. Fitting

| 1. Suction Cup | Description                                                         | Ordering No.                |
|----------------|---------------------------------------------------------------------|-----------------------------|
|                | Universal Flat suction cup, 8mm diameter, Nitrile (NBR)             | <a href="#">UF8-N</a>       |
|                | Universal Flat suction cup, 8mm diameter, Silicone                  | <a href="#">UF8-S</a>       |
|                | Universal Flat suction cup, 8mm diameter, White Silicone            | <a href="#">UF8-WS</a>      |
|                | Universal Flat suction cup, 8mm diameter, White Silicone(FDA)       | <a href="#">UF8-WS(FDA)</a> |
|                | Universal Flat suction cup, 8mm diameter, High temperature Silicone | <a href="#">UF8-HS</a>      |
|                | Universal Flat suction cup, 8mm diameter, Conductive Silicone       | <a href="#">UF8-CS</a>      |
|                | Universal Flat suction cup, 8mm diameter, Urethane                  | <a href="#">UF8-U</a>       |
|                | Universal Flat suction cup, 8mm diameter, Mark Free                 | <a href="#">UF8-A</a>       |
| 2. Fitting     | Description                                                         | Ordering No.                |
|                | Fitting, M5 male                                                    | <a href="#">M5M</a>         |

### Dimension



[ Unit : mm ]



## UF10



### Recommended Lifting Force (Max.)

| Model | Volume (cm <sup>3</sup> ) | Lifting Force (Kg) - Perpendicular |          |          |
|-------|---------------------------|------------------------------------|----------|----------|
|       |                           | - 20 kPa                           | - 60 kPa | - 90 kPa |
| UF10  | 0.18                      | 0.11                               | 0.37     | 0.53     |

\*위의 Lifting force는 안전율을 고려하지 않았습니다.

### Ordering No Example.

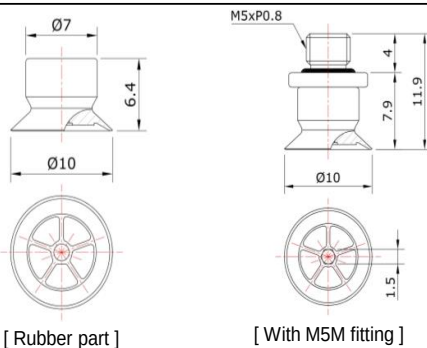
UF10 - S - M5M

1. Suction Cup

2. Fitting

| 1. Suction Cup | Description                                                          | Ordering No. |
|----------------|----------------------------------------------------------------------|--------------|
|                | Universal Flat suction cup, 10mm diameter, Nitrile (NBR)             | UF10-N       |
|                | Universal Flat suction cup, 10mm diameter, Silicone                  | UF10-S       |
|                | Universal Flat suction cup, 10mm diameter, White Silicone            | UF10-WS      |
|                | Universal Flat suction cup, 10mm diameter, White Silicone(FDA)       | UF10-WS(FDA) |
|                | Universal Flat suction cup, 10mm diameter, High temperature Silicone | UF10-HS      |
|                | Universal Flat suction cup, 10mm diameter, Conductive Silicone       | UF10-CS      |
|                | Universal Flat suction cup, 10mm diameter, Urethane                  | UF10-U       |
|                | Universal Flat suction cup, 10mm diameter, Mark Free                 | UF10-A       |
| 2. Fitting     | Description                                                          | Ordering No. |
|                | Fitting, M5 male                                                     | M5M          |

### Dimension



[ Unit : mm ]