

SUCTION CUPS / VMECA Customized

KPS-7



Features and Strengths

Developed to be used specially for bag opening application
Suitable to be used in thin plastic and film type material

Examples of use

Plastic bag opening, Thin Film Material, Paper Bag Handling



Recommended Lifting Force (Max.)

| Model | Volume (cm³) | Lifting Force (Kg) - Perpendicular | | |
|-------|--------------|------------------------------------|----------|----------|
| | | - 20 kPa | - 60 kPa | - 90 kPa |
| KPS-7 | 20.00 | 5.50 | 14.00 | 18.50 |

※ The lifting force above does not include safety factor

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 | -45~90 |
| Urethane | 60 | Dark Green | 0~100 |

Material Resistance

| Description | NBR | Silicone | White Silicone | High temp. Silicone | Conductive Silicone | Urethane |
|-----------------|-----------|-----------|----------------|---------------------|---------------------|-----------|
| Wear Resistance | Excellent | Good | Good | Good | Good | Excellent |
| Oil | Excellent | Poor | Poor | Poor | Poor | Excellent |
| Weather / Ozone | Fair | Excellent | Excellent | Excellent | Excellent | Excellent |
| Alcohol | Good | Good | Good | Good | Good | Fair |
| Acid | Fair | Poor | Poor | Poor | Poor | Poor |



Build an Ordering No.

KPS-7 - 

1. Suction Cup

| 1. Suction cup | Description | Weight (g) | Symbol |
|----------------|--|------------|--------------|
| | Customized suction cup, 68mm diameter, Nitrile (NBR) | 17.07 | KPS7-N |
| | Customized suction cup, 68mm diameter, Silicone | 14.99 | KPS7-S |
| | Customized suction cup, 68mm diameter, White silicone | 15.48 | KPS7-WS |
| | Customized suction cup, 68mm diameter, White silicone (FDA) | 15.48 | KPS7-WS(FDA) |
| | Customized suction cup, 68mm diameter, High temperature silicone | 15.86 | KPS7-HS |
| | Customized suction cup, 68mm diameter, Conductive silicone | 16.9 | KPS7-CS |
| | Customized suction cup, 68mm diameter, Urethane | 16.98 | KPS7-U |

Dimension

[Unit : mm]

