

Product Code	Mould Height	Max. Width	Package
SG-1	20 cm	55 cm	(set of 2 pieces)
SG-2	30 cm	55 cm	(set of 2 pieces)
SG-3	40 cm	55 cm	(set of 2 pieces)
SG-4	50 cm	55 cm	(set of 2 pieces)
SG-5	60 cm	55 cm	(set of 2 pieces)



**Vacuum Cup Type Selection Guide - Scan The QR Code For More Information**

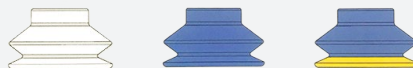
**Flat Cups**

The flat suction cups provide accuracy in load gripping and speeds up the cycle process on flat surfaces.

**1,5 Bellow Cups**

The 1,5 bellow cups combine the advantages of the flat suction cups with the flexibility of bellows for high-speed applications.

**2,5 Bellow Cups** The suction cups with 2,5 bellow are recommended for gripping products with un-even surfaces.



Application	Silicone	FlexTemp HT	Multiflex
Ozone resistance	✓✓✓	✓✓	✓✓✓
Oil resistance	✓	✓✓✓	✓✓
Wear resistance	✓✓	✓✓	✓✓✓
Tensile strength (lifting force)	✓	✓	✓✓✓
Leaves marks on products	✓	✓✓	✓✓✓
Temperature resistance	-70 to + 200°C	-40 to + 160°C	-20 to + 80°C
Shore hardness	30-60°	60°	30-60°

The holding force of the suction cups increases proportionally with the difference between the ambient pressure and the pressure inside the cup.  
 The holding force of a suction pad is calculated with the formula:  
 $F = \Delta p \times A$   
 F = Holding force.  
 $\Delta p$  = Difference between ambient pressure and pressure of the system.  
 A = Effective suction area (the effective area of a suction pad under vacuum).