

U3



UNIVERSAL SUCTION CUP

- ▶ Suitable for objects with flat or slightly curved surfaces.
- ▶ Also used for concave objects.
- ▶ Suction cups of conductive silicone are suitable for objects with sensitivity to static electricity.

LIFTING FORCES & TECHNICAL DATA

Lifting force vertical to the surface, N, at vacuum level			Lifting force parallel to the surface, N, at vacuum level			Volume	Min. curve radius	Max. vertical movement	Weight rubber part
20 -kPa	60 -kPa	90 -kPa	20 -kPa	60 -kPa	90 -kPa	cm ³	mm	mm	g
0.09	0.42	0.65	—	—	—	0.005	5.0	0.15	0.030

MATERIAL SPECIFICATIONS

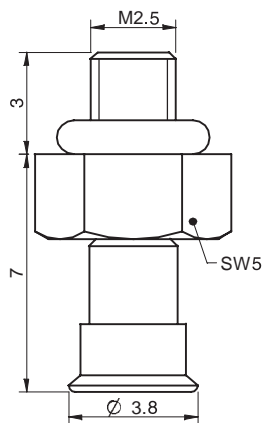
Material	Colour	Hardness °Shore A	Temperature range °C
Conductive silicone, CSIL	Black	50	-55–230

MATERIAL RESISTANCE

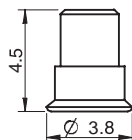
Wear resistance	Oil	Weather & Ozone	Hydrolysis	Petrol	Concentrated acids	Alcohol	Oxidation
Good	Poor	Excellent	Fair	Poor	Poor	Good	Excellent

ORDERING INFORMATION

Complete suction cups	Art. No.
Suction cup U3 Conductive silicone, M2.5 male	3250081SC



Rubber parts	Art. No.
Suction cup U3 Conductive silicone	3150285SC



Fittings	Art. No.
Fitting M2.5 male	3250084

For further information and dimensioned drawings, see SUCTION CUPS FITTINGS chapter.