

Datasheet

Suction cup piGRIP® with Bag lip Silicone, G1/4" male, with mesh filter, x2

Item number: 9914199



Technical data

Description	Unit	Value
Suction cup shape	-	Multibellows
Suction cup design	-	Round
Material	-	Nitrile (NBR), Silicone (SIL), TPE
Weight, min.	oz	0.87
Volume	in ³	1.10
Height	in	2.0079
Fitting size	-	1/4"
Fitting style	-	Male
Fitting type	-	G-thread
Fitting material	-	Al, POM
Suction cup model	-	BGI41
Movement, vertical max.	in	0.70
Curve radius, min.	in	0.75

Performance - Lifting forces

BGI41	Vertical (lb)	Parallel (lb)
11.81 -inHg	3.62	1.82
17.72 -inHg	5.28	2.65

Material	
Name	TPE
Color	Green transparent
Temperature, min. °F	-4.0
Temperature max. °F	140.0
Hardness °Shore A	87

Material resistance

Alcohol	Good
Concentrated acids	Poor
Ethanol	n/a
Hydrolysis	Fair
Methanol	n/a
Oil	Excellent
Oxidation	Good
Gasoline	Poor
Wear resistance	Excellent
Weather and ozone	Excellent

Values specified in this data sheet are tested at (unless otherwise stated):

- Room temperature (20°C [68°F] ± 3°C [5.5°F]).
- Standard atmosphere (101.3 [29.9 inHg] ± 1.0 kPa [0.3 inHg]).
- Relative humidity 20-70%.
- Compressed air quality, DIN ISO 8573-1 class 4.