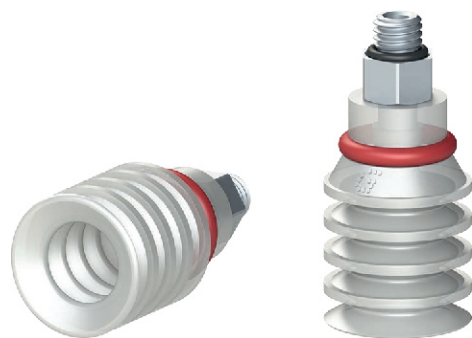


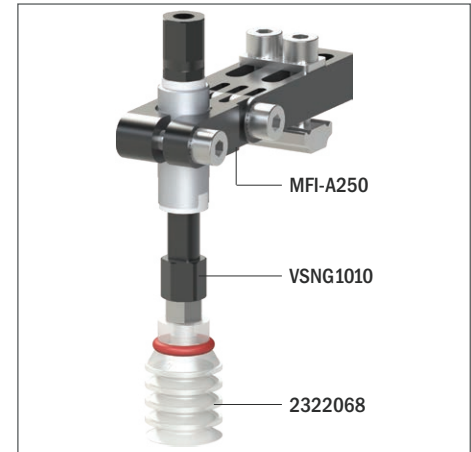
Suction cups / FDA-compliant silicone

VG.FP15F multi-bellows suction cups in FDA-compliant silicone

- The silicone is FDA-compliant and therefore suitable for handling unpackaged food
- Suitable for level compensation
- High vertical movement, useful for separating thin parts



Application example



Technical data

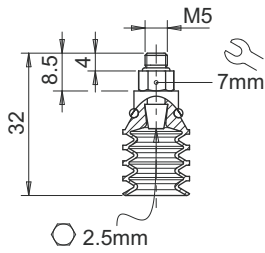
Material	Lifting force [N] perpendicular to the surface, at various vacuum levels			Lifting force [N] parallel to the surface, at various vacuum levels			Volume [cm ³]	Min curve radius [mm]	Max vertical movement [mm]	Suction cup weight [g]
	-20 kPa	-60 kPa	-90 kPa	-20 kPa	-60 kPa	-90 kPa				
SIL 50 FDA	0.2	0.23	—	—	—	—	1.05	2	8	0.9

Technical features

Material	Colour	Hardness	Temperature range
Silicone, FDA SIL	Transparent	50 Shore	-70 + +200 °C

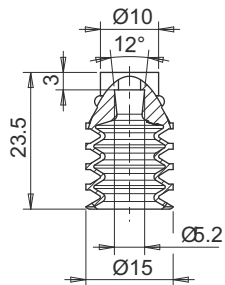
Identification codes			
Drawing	Alphanumeric code	Suction cups with fitting	Order code
A	VG.FP15F.50.M5M	VG.FP15 suction cup, FDA-compliant silicone, 50 Shore, M5 male	2322068

A



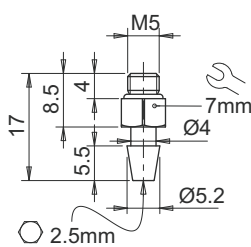
Identification codes			
Drawing	Alphanumeric code	Suction cups	Order code
A	VG.FP15F.50	VG.FP15 suction cup, FDA-compliant silicone, 50 Shore	2322069

A



Identification codes			
Drawing	Alphanumeric code	Fittings	Order code
A	FT.M5M	M5 male fitting	1600005

A



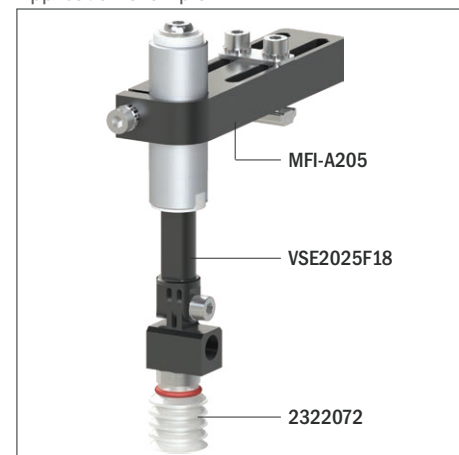
Suction cups / FDA-compliant silicone

VG.FP20F multi-bellows suction cups in FDA-compliant silicone

- The silicone is FDA-compliant and therefore suitable for handling unpackaged food
- Suitable for level compensation
- High vertical movement, useful for separating thin parts
- It can be equipped with a perforated disc to increase stability and to allow the handling of thin films



Application example



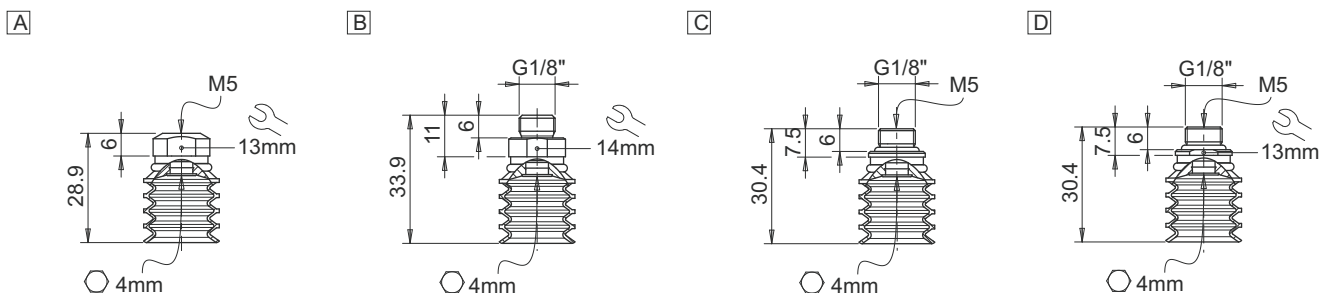
Technical data

Material	Lifting force [N] perpendicular to the surface, at various vacuum levels			Lifting force [N] parallel to the surface, at various vacuum levels			Volume [cm ³]	Min curve radius [mm]	Max vertical movement [mm]	Suction cup weight [g]
	-20 kPa	-60 kPa	-90 kPa	-20 kPa	-60 kPa	-90 kPa				
SIL FDA 50	0.35	0.7	—	—	—	—	4	4	13	3

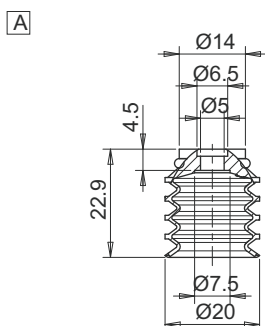
Technical features

Material	Colour	Hardness	Temperature range
Silicone, FDA SIL	Transparent	50 Shore	-70 ÷ +200 °C

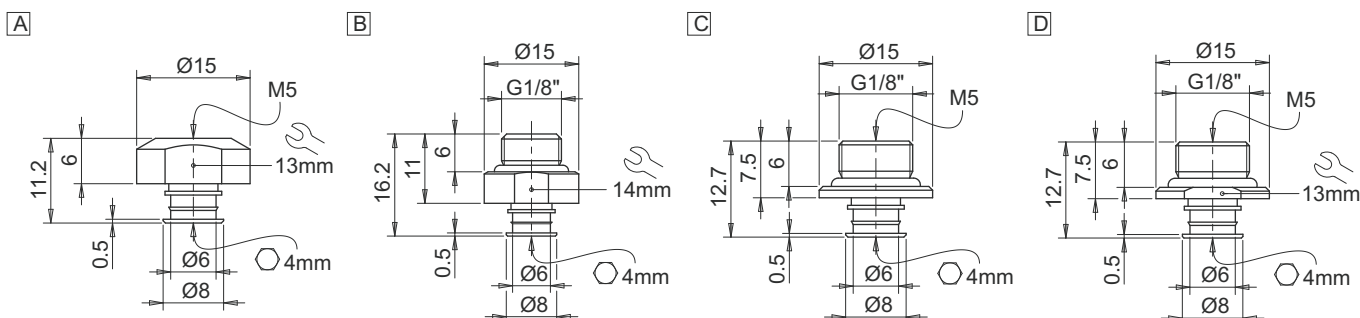
Identification codes			
Drawing	Alphanumeric code	Suction cups with fitting	Order code
A	VG.FP20F.50.M5F	VG.FP20 suction cup, FDA-compliant silicone, 50 Shore, M5 female	2322070
B	VG.FP20F.50.G18M	VG.FP20 suction cup, FDA-compliant silicone, 50 Shore, G1/8" male	2322072
C	VG.FP20F.50.G18MF	VG.FP20 suction cup, FDA-compliant silicone, 50 Shore, G1/8" male / M5 female	2322073
D	VG.FP20F.50.G18MFV	VG.FP20 suction cup, FDA-compliant silicone, 50 Shore, G1/8" male/M5 female with valve	2322074



Identification codes			
Drawing	Alphanumeric code	Suction cups	Order code
A	VG.FP20F.50	VG.FP20 suction cup, FDA-compliant silicone, 50 Shore	2322071



Identification codes			
Drawing	Alphanumeric code	Fittings	Order code
A	FT.M5F	Fitting, M5 female	1700006
B	FT.G18M.17	G1/8" male fitting	1700018
C	FT.G18M.M5F	Fitting, G1/8" male/ M5 female	1700016
D	FT.G18M.M5F.VF	G1/8" male / M5 female fitting, with valve	1700017

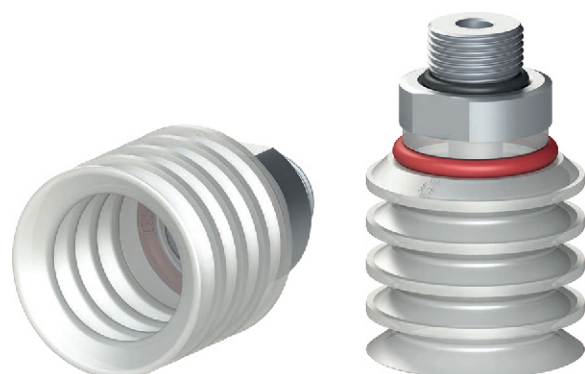


Identification codes		
Alphanumeric code	Disc	Order code
AC.DF20	Perforated disc for thin films, diameter 20 mm	2321780

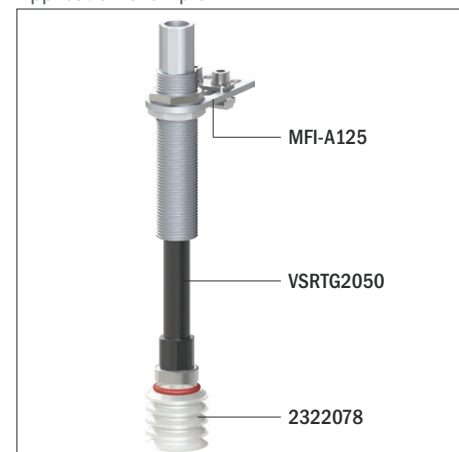
Suction cups / FDA-compliant silicone

VG.FP30F multi-bellows suction cups in FDA-compliant silicone

- The silicone is FDA-compliant and therefore suitable for handling unpackaged food
- Suitable for level compensation
- High vertical movement, useful for separating thin parts
- It can be equipped with a perforated disc to increase stability and to allow the handling of thin films



Application example



Technical data

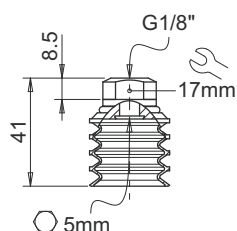
Material	Lifting force [N] perpendicular to the surface, at various vacuum levels			Lifting force [N] parallel to the surface, at various vacuum levels			Volume [cm ³]	Min curve radius [mm]	Max vertical movement [mm]	Suction cup weight [g]
	-20 kPa	-60 kPa	-90 kPa	-20 kPa	-60 kPa	-90 kPa				
SIL FDA 50	6.5	10.3	—	—	—	—	10	8	20	7

Technical features

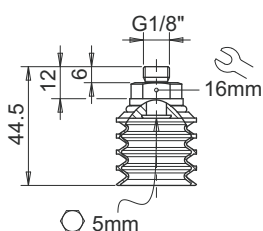
Material	Colour	Hardness	Temperature range
Silicone, FDA SIL	Transparent	50 Shore	-70 ÷ +200 °C

Identification codes			
Drawing	Alphanumeric code	Suction cups with fitting	Order code
A	VG.FP30F.50.G18F	VG.FP30 suction cup, FDA-compliant silicone, 50 Shore, G1/8" female	2322075
B	VG.FP30F.50.G18M	VG.FP30 suction cup, FDA-compliant silicone, 50 Shore, G1/8" male	2322077
C	VG.FP30F.50.G14M	VG.FP30 suction cup, FDA-compliant silicone, 50 Shore, G1/4" male	2322078
D	VG.FP30F.50.G38M	VG.FP30 suction cup, FDA-compliant silicone, 50 Shore, G3/8" male	2322079

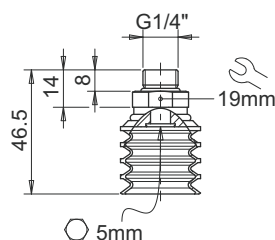
A



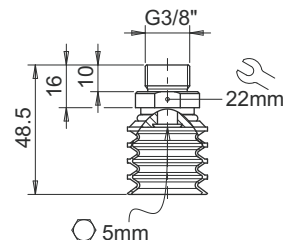
B



C

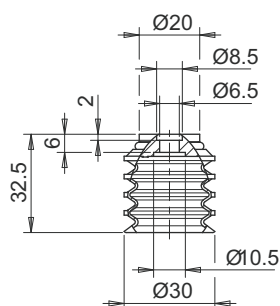


D



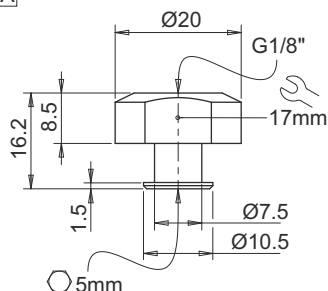
Identification codes			
Drawing	Alphanumeric code	Suction cups	Order code
A	VG.FP30F.50	VG.FP30 suction cup, FDA-compliant silicone, 50 Shore	2322076

A

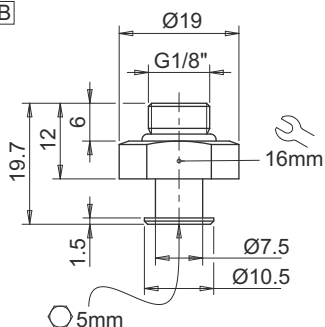


Identification codes			
Drawing	Alphanumeric code	Fittings	Order code
A	FT.G18F.18	G1/8" female +tting	1800019
B	FT.G18M.18	G1/8" male +tting	1800018
C	FT.G14M.18	G1/4" male +tting	1800014
D	FT.G38M.18	G3/8" male +tting	1800038

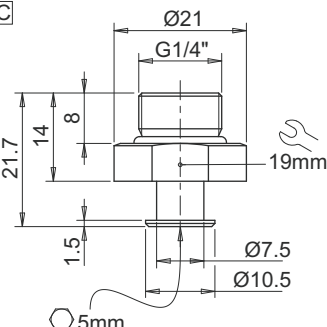
A



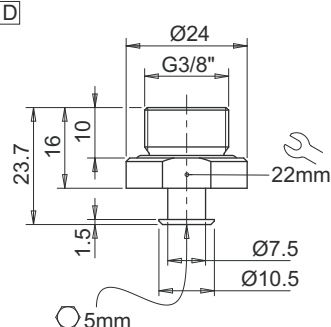
B



C



D



Identification codes		
Alphanumeric code	Disc	Order code
AC.DF30	Perforated disc for thin +lms, diameter 30 mm	2321781

Suction cups / FDA-compliant silicone

VG.FP40F multi-bellows suction cups in FDA-compliant silicone

- The silicone is FDA-compliant and therefore suitable for handling unpackaged food
- Suitable for level compensation
- High vertical movement, useful for separating thin parts
- It can be equipped with a perforated disc to increase stability and to allow the handling of thin films



Application example



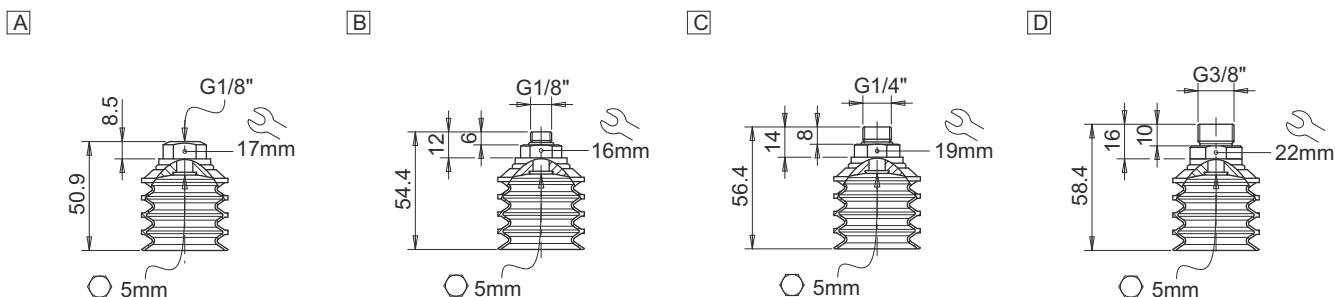
Technical data

Material	Lifting force [N] perpendicular to the surface, at various vacuum levels			Lifting force [N] parallel to the surface, at various vacuum levels			Volume [cm ³]	Min curve radius [mm]	Max vertical movement [mm]	Suction cup weight [g]
	-20 kPa	-60 kPa	-90 kPa	-20 kPa	-60 kPa	-90 kPa				
SIL FDA 50	10.8	31.5	—	—	—	—	27	11	33	10

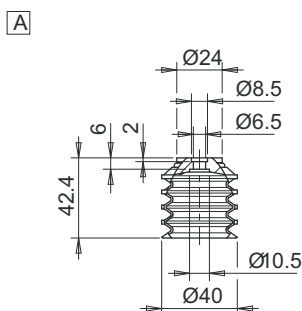
Technical features

Material	Colour	Hardness	Temperature range
Silicone, FDA SIL	Transparent	50 Shore	-70 + +200 °C

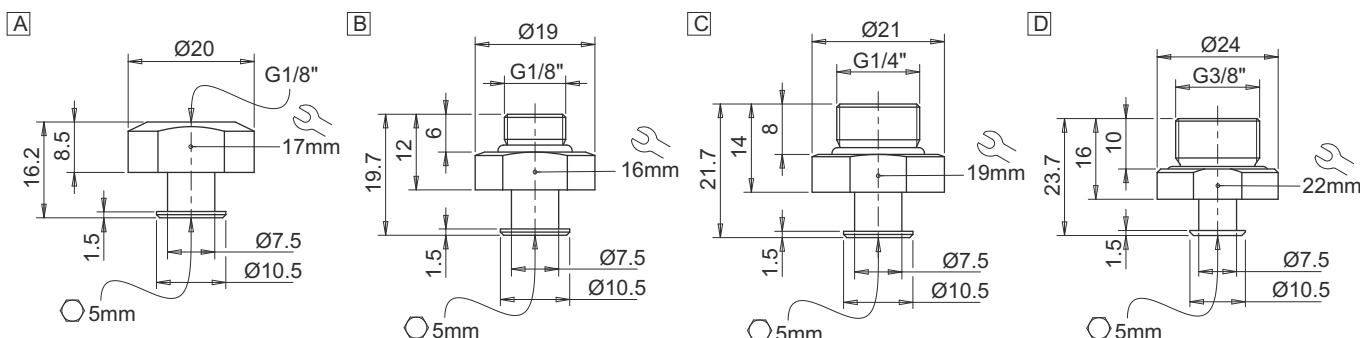
Identification codes			
Drawing	Alphanumeric code	Suction cups with fitting	Order code
A	VG.FP40F.50.G18F	VG.FP40 suction cup, FDA-compliant silicone, 50 Shore, G1/8" female	2322080
B	VG.FP40F.50.G18M	VG.FP40 suction cup, FDA-compliant silicone, 50 Shore, G1/8" male	2322082
C	VG.FP40F.50.G14M	VG.FP40 suction cup, FDA-compliant silicone, 50 Shore, G1/4" male	2322083
D	VG.FP40F.50.G38M	VG.FP40 suction cup, FDA-compliant silicone, 50 Shore, G3/8" male	2322084



Identification codes			
Drawing	Alphanumeric code	Suction cups	Order code
A	VG.FP40F.50	VG.FP40 suction cup, FDA-compliant silicone, 50 Shore	2322081



Identification codes			
Drawing	Alphanumeric code	Fittings	Order code
A	FT.G18F.18	G1/8" female +tting	1800019
B	FT.G18M.18	G1/8" male +tting	1800018
C	FT.G14M.18	G1/4" male +tting	1800014
D	FT.G38M.18	G3/8" male +tting	1800038



Identification codes		
Alphanumeric code	Disc	Order code
AC.DF40	Perforated disc for thin +lms, diameter 40 mm	2321755