

BELLOWS SUCTION PADS (ROUND) FOR PACKAGING - 4,5 FOLDS

SERIES VPCO

Suction pads in Silicone.

Diameters from 30 to 50 mm with thread size G1/8, G1/4 and G3/8 and G1/2 both male and female.



- The material, in compliance with the FDA Standard, allows direct contact with food
- The presence of the stabiliser ring avoids that very flexible packagings get sucked into the suction pad
- Optimum resistance against side loads
- Reduced cycle times thanks to high suction rates
- Secure and reliable hold of materials with folds or wrinkles

Series VPCO suction pads consist of a nipple and rubber part which are delivered assembled.

Both components can be ordered separately as spare parts.

These suction pads are very suitable for the handling of flexible products such as pouches and other flexible, plastic film packaging (like candy bags).

Common applications are:

- Handling of pouches filled with solid, powder-form or liquid substances with low filling
- Quick packaging processes, mainly with a Delta Robot.

GENERAL DATA

Description	Robust hard-wearing suction pads consisting of suction pad VPCO and connection nipple
Construction	- nipples and suction pads are supplied already assembled - diameters of 60 mm and more: nipple screwed into supporting plate vulcanised to the pad
Maintenance	It is possible to replace the soft element
Working temperature	SILICONE version: -40°C ÷ +220°C (for short time <30 sec.); -30°C ÷ +180°C (long-term)

BELLOWS SUCTION PADS (ROUND) FOR PACKAGING - 4,5 FOLDS
SERIES VPCO - TECHNICAL CHARACTERISTICS

Technical data

Mod./Diameter	Suction force (N)*	Int. volume (cm ³)
VPCO-0300	12,80	6,0
VPCO-0400	20,40	15,2
VPCO-0500	41,00	33,2

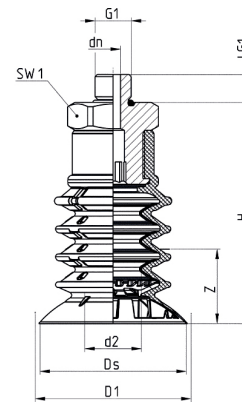
CODING EXAMPLE

VP	C	O	-	0300	S	-	G1/8	M
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VP	SERIES VP = suction pad
C	SHAPE C = round
O	VERSION O = 4,5 folds
0300	DIAMETERS 0300 = 30,0 mm 0400 = 40,0 mm 0500 = 50,0 mm
S	MATERIALS S = silicone
G1/8	THREAD SIZE 1/8 = G1/8 1/4 = G1/4 3/8 = G3/8 1/2 = G1/2
M	THREAD M = male F = female

BELLOWS SUCTION PADS (ROUND) FOR PACKAGING - 4,5 FOLDS
SERIES VPCO - DIMENSIONAL CHARACTERISTICS

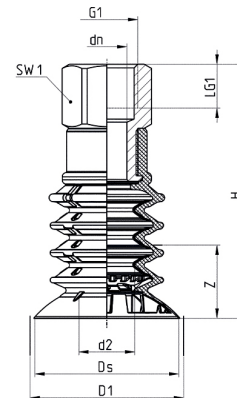
Suction pad VPCO-0300 to 0500 - male thread



Mod.	dn	d2	D1	Ds	G1	H	LG1	SW1	Z	Suction pad	Nipple
VPCO-0300S-1/8M	4,0	12,3	32	30,7	G1/8 M	47,5	7,5	22	11	VPCO-0300*	NPS-C-1/8-M
VPCO-0300S-1/4M	8,0	12,3	32	30,7	G1/4 M	47,5	10,0	22	11	VPCO-0300*	NPS-D-1/4-M
VPCO-0300S-3/8M	10,3	12,3	32	30,7	G3/8 M	47,5	10,0	22	11	VPCO-0300*	NPS-A-3/8-M
VPCO-0400S-1/8M	4,0	15,3	42	39,7	G1/8 M	59,5	7,5	22	18	VPCO-0400*	NPS-C-1/8-M
VPCO-0400S-1/4M	8,0	15,3	42	39,7	G1/4 M	59,5	10,0	22	18	VPCO-0400*	NPS-D-1/4-M
VPCO-0400S-3/8M	10,3	15,3	42	39,7	G3/8 M	59,5	10,0	22	18	VPCO-0400*	NPS-A-3/8-M
VPCO-0500S-1/8M	4,0	21,0	52	49,7	G1/8 M	72,5	7,5	27	26	VPCO-0500*	NPS-D-1/8-M
VPCO-0500S-1/4M	8,0	21,0	52	49,7	G1/4 M	72,5	10,0	27	26	VPCO-0500*	NPS-B-1/4-M
VPCO-0500S-3/8M	10,3	21,0	52	49,7	G3/8 M	72,5	10,0	27	26	VPCO-0500*	NPS-B-3/8-M
VPCO-0500S-1/2M	15,0	21,0	52	49,7	G1/2 M	72,5	14,0	27	26	VPCO-0500*	NPS-A-1/2-M

Tolerances for elastomer parts according to DIN ISO 3302-1 E3

Suction pad VPCO-0300 to 0500 - female thread



Mod.	dn	d2	D1	Ds	G1	H	LG1	SW1	Z	Suction pad	Nipple
VPCO-0300S-1/8F	8,6	12,3	32	30,7	G1/8 F	57,5	12,0	22	11	VPCO-0300*	NPS-C-1/8-F
VPCO-0300S-1/4F	11,0	12,3	32	30,7	G1/4 F	57,5	12,0	22	11	VPCO-0300*	NPS-C-1/4-F
VPCO-0300S-3/8F	11,0	12,3	32	30,7	G3/8 F	57,5	12,0	22	11	VPCO-0300*	NPS-A-3/8-F
VPCO-0400S-1/8F	8,6	15,3	42	39,7	G1/8 F	69,5	12,0	22	18	VPCO-0400*	NPS-C-1/8-F
VPCO-0400S-1/4F	11,0	15,3	42	39,7	G1/4 F	69,5	12,0	22	18	VPCO-0400*	NPS-C-1/4-F
VPCO-0400S-3/8F	11,0	15,3	42	39,7	G3/8 F	69,5	12,0	22	18	VPCO-0400*	NPS-A-3/8-F
VPCO-0500S-1/8F	8,6	21,0	52	49,7	G1/8 F	86,5	12,0	27	26	VPCO-0500*	NPS-D-1/8-F
VPCO-0500S-1/4F	11,4	21,0	52	49,7	G1/4 F	86,5	12,0	27	26	VPCO-0500*	NPS-D-1/4-F
VPCO-0500S-3/8F	15,0	21,0	52	49,7	G3/8 F	86,5	12,0	27	26	VPCO-0500*	NPS-B-3/8-F

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