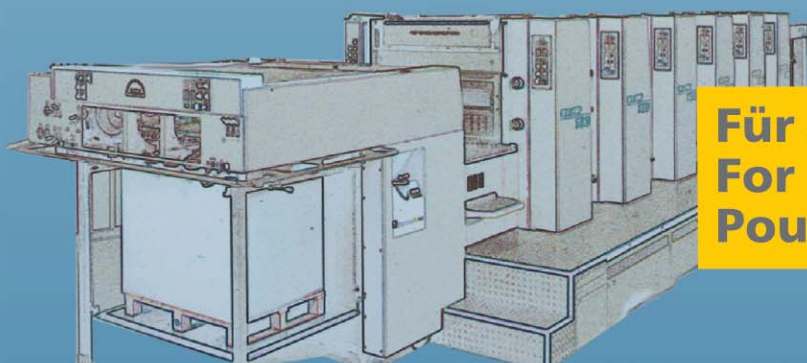


VAKUUMSAUGER *VACUUM SUCTION CUPS* VENTOUSES À VIDE



**Für die Druckindustrie
For printing machines
Pour l'industrie imprimerie**



DS 01

INHALTSVERZEICHNIS

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Material / Materials / Matériaux

1	NBR (50 Shore A)	Nitrilkautschuk	<i>Nitril rubber</i>	Caoutchouc nitrile
2	Si (50 Shore A)	Silikonkautschuk	<i>Silicone rubber</i>	Caoutchouc silicone
3	NR (50 Shore A)	Naturkautschuk	<i>Natural rubber</i>	Caoutchouc naturel
4	NR-E (40 Shore A)	Naturkautschuk	<i>Natural rubber</i>	Caoutchouc naturel
5	PUR (Vulkollan)	Polyurethan	<i>Polyurethane</i>	Polyuréthane
9	CR (50 Shore A)	Chloropren	<i>Chloroprene</i>	Chloroprène
13	SBR	Styrol-Buradien-Kautschuk	<i>Styrol-Buradien-rubber</i>	Styrène- Butadène-caoutchouc
V	Vinyl	Polyvinylchlorid	<i>Polyvinylchloride</i>	Chlorure de polyvinyle

Materialfarben

tr	Transparent	gg	Grün glänzend
r	Rot	gt	Grün türkis
w	Weiss	og	Olivgrün
bl	Blau	ge	Gelb
tb	Türkisblau	or	Orange
sw	Schwarz	bg	Beige
b	Braun	gr	Grau
db	Dunkelbraun	vl	Violett
g	Grün	rb	Rotbraun

Colors of materials

tr	Transparent	gg	Green glossy
r	Red	gt	Green turquoise
w	White	og	Olive-green
bl	Blue	ge	Yellow
tb	Turquoise-blue	or	Orange
sw	Black	bg	Beige
b	Brown	gr	Grey
db	Dark-brown	vl	Violet
g	Green	rb	Red-brown

Couleur des matériaux

tr	Transparent	gg	Vert brillant
r	Rouge	gt	Vert turquoise
w	Blanc	og	Vert olive
bl	Bleu	ge	Jaune
tb	Turquoise-bleu	or	Orange
sw	Noir	bg	Beige
b	Brun	gr	Gris
db	Brun foncé	vl	Violet
g	Vert	rb	Rouge-brun

Anschlusssteile

Bei einigen Saugern haben wir keine Anschlusssteile angegeben, da diese zumeist nur auf vorhandene Halterungen aufgesteckt werden.

Fittings

We have not given fittings for some of the suction cups, since spare cups are here slipped onto existing connectors

Pièces de raccordement

Pour certaines ventouses, nous n'avons pas indiqué de pièces de raccordement, celles-ci ét appliquées comme éléments de remplacement sur la fixation existante.

Flachsauger Flat suction cups Ventouses plates

Art.No. 107.014.005.5	Art.No. 112.019.073.3	Art.No. 102.021.063.3	Art.No. 102.022.185.3
PUR (tr) 1,5 mm 0,3 g	NR (sw) 2,0 mm 0,4 g	NR (sw) 1,0 mm 0,6 g	NR (gr) 0,5 mm 0,8 g

Art.No. 104.014.020.1	Art.No. 127.018.001._*	Art.No. 102.019.110.3	Art.No. 102.027.334.4
NBR (sw) 1,5 mm 0,4 g	NBR (sw) Si (w), NR-E (b) 1,5 mm 0,8 g	NR (w) 65° Shore 2,0 mm 1,2 g	NR-E (bg) 0,5 mm 4,0 g
Art.No. 270.010 M 5 AG	Art.No. 270.238 1/8" AG	Art.No. 270.103 M 6 AG	

Art.No. 102.032.104.4	Art.No. 102.036.106.2	Art.No. 102.042.232.3
NR-E (b) 1,8 mm 3,2 g	Si (gr) 4,0 mm 2,8 g	NR (sw) 7,0 mm 3,0 g
		Art.No. 270.034 1/4" AG

*Art. No. bei Bestellung mit angegebenem Material ergänzen / *Art. No. when ordering add indicated material /

*Art. No. en cas de commande veuillez ajouter le matériel indiqué

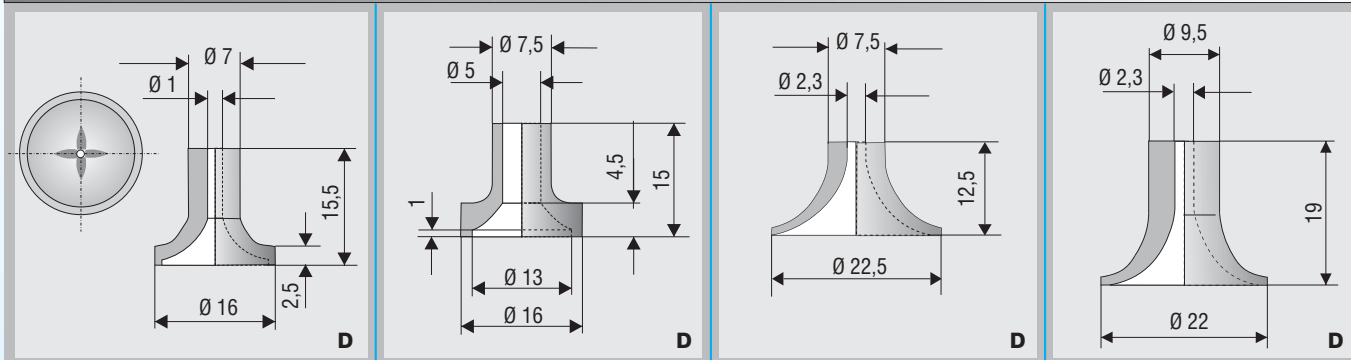


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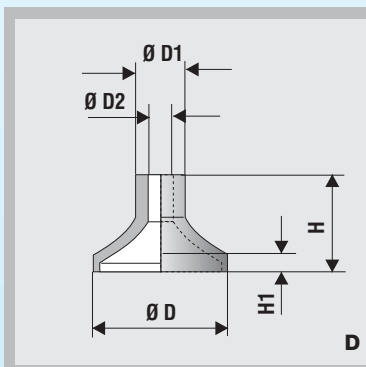
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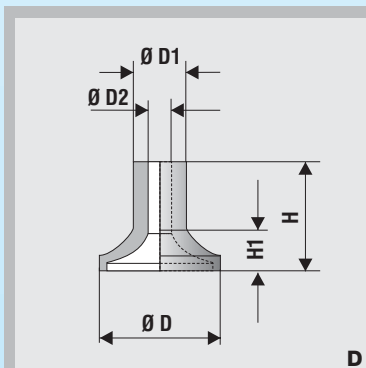
Flachsauger Flat suction cups Ventouses plates



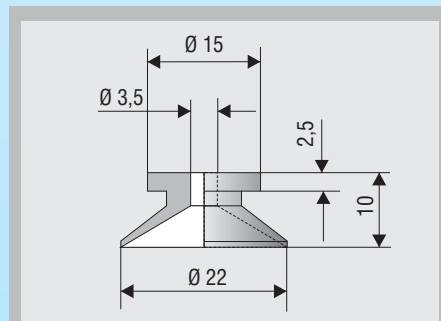
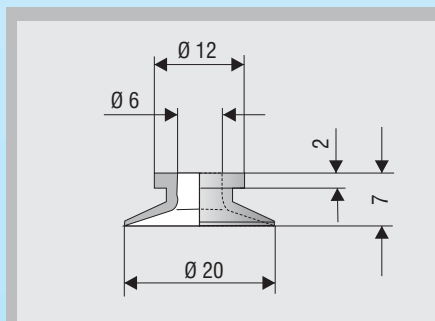
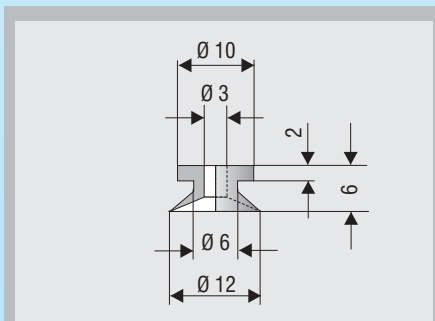
Art.No. 104.016.058.4		Art.No. 102.016.122.4		Art.No. 126.022.022.4		Art.No. 126.022.021.4	
NR-E (b)	0,8 g	NR-E (bg)	0,8 g	NR-E (b)	1,0 g	NR-E (b)	0,8 g



Art.No.	Material Material Matériel		Ø D	Ø D1	Ø D2	H	H1
102.017.162.V	Vinyl (bl)	0,8 g	17	6,5	2,5	13	2,5
102.017.276.4.B	NR-E (b)	0,8 g	17	6,5	3,5	13	2,5
102.018.277.4.BL	NR-E (bl)	1,0 g	18	6,5	3,0	13	2,5



Art.No.	Material Material Matériel		Ø D	Ø D1	Ø D2	H	H1
102.016.138.4	NR-E (bg)	0,7 g	16	7,0	3,0	14,5	
102.017.131.4.A	NR-E (db)	0,6 g	17	7,5	3,0	13,0	1,5
102.017.132.4.T	NR-E (hb) 40 Shore A	0,6 g	17	6,5	3,0	13,0	2,0
102.017.132.4.B	NR-E (tb) 45 Shore A	0,6 g	17	6,5	3,0	13,0	2,0
102.017.132.4.R	NR-E (r) 50 Shore A	0,6 g	17	6,5	3,0	13,0	2,0
102.017.133.4	NR-E (og)	1,0 g	17	7,5	3,0	13,5	3,0
102.017.161.V	Vinyl (bl)	1,0 g	17	8,0	3,0	15,0	



Art.No. 102.012.267.4		Art.No. 102.020.224.3 102.020.224.4 102.020.224.4A		Art.No. 102.022.150.V	
NR-E (b)	2,5 mm 0,2 g	NR (bg) 50° Shore	0,5 g	Vinyl (rb)	2,5 mm 1,2 g
		NR-E (bg) 45° Shore			
		NR-E (bg) 35° Shore			

*Art. No. bei Bestellung mit angegebenem Material ergänzen / *Art. No. when ordering add indicated material /
*Art. No. en cas de commande veuillez ajouter le matériel indiqué

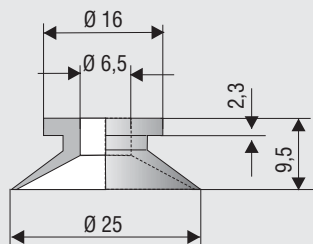


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Art.No. 102.025.103._*

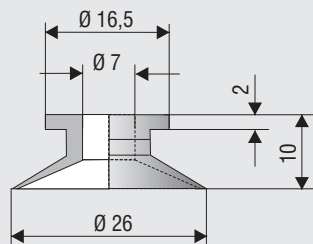
NR (sw), NR-E (sw)



2,5 mm



1,4 g



Art.No. 102.026.128.4

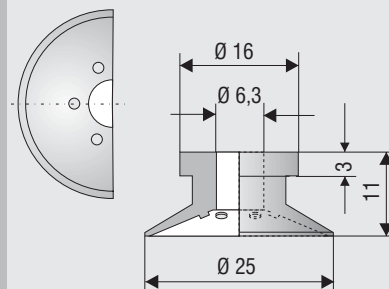
NR-E (bg)



2,5 mm



1,2 g



Art.No. 104.025.027.4

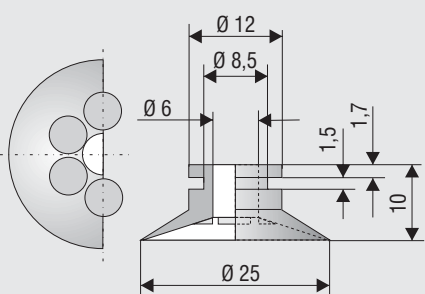
NR-E (bg)



3,5 mm



1,2 g



Art.No. 102.025.225.4

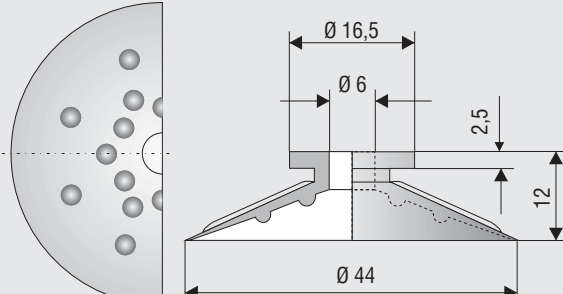
NR-E (b)



1,5 mm



1,1 g



Art.No. 104.044.046.V

Vinyl (bl)



3,0 mm

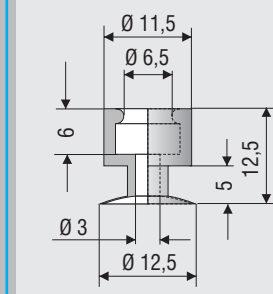


4,8 g



Art.No.

270.238
1/8" AG



Art.No. 102.012.332.4

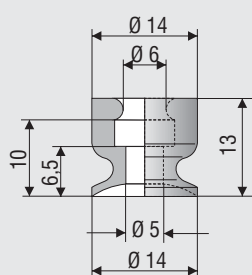
NR-E (r)



1,5 mm



1,0 g



Art.No. 102.014.333.3

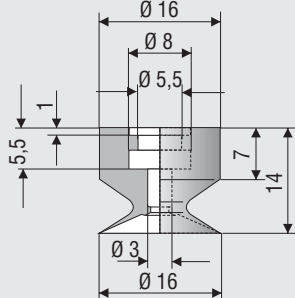
NR (r)



2,0 mm



1,0 g



Art.No. 102.016.319.5

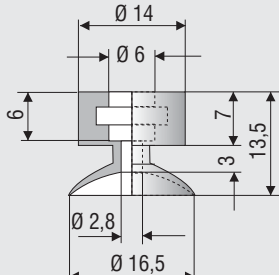
PUR (bl)



2,0 mm



1,0 g



Art.No. 102.016.255.2

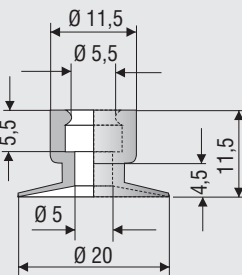
Si (r)



3,0 mm



1,2 g



Art.No. 126.020.005._*

NBR (sw)
Si (tr)
NR (sw)



1,0 mm



1,0 g

*Art. No. bei Bestellung mit angegebenem Material ergänzen / *Art. No. when ordering add indicated material /
*Art. No. en cas de commande veuillez ajouter le matériel indiqué



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Art.No. 126.020.004._*	Art.No. 102.020.140.3 1) 102.020.140.3R 2)	Art.No. 102.020.272.3	Art.No. 102.025.102._*
NR (or), Si (tr), NR-E (b)	1) NR (sw) 2) NR (r)	NR (sw)	Si (g), NR (g) NR-E (sw)
3,5 mm 2,2 g	3,0 mm 1,6 g	1,0 mm 1,2 g	4,0 mm 1,8 g
Art.No. 102.020.299.5	Art.No. 102.020.300.5	Art.No. 102.020.308.5	Art.No. 102.025.301.5
PUR (b)	PUR (b)	PUR (b)	PUR (b)
3,5 mm 2,2 g	3,0 mm 1,6 g	1,0 mm 0,6 g	0,5 mm 0,8 g
Vulkollan 75° Shore A			

Art.No. 108.032.002._*	Art.No. 104.040.018._*
Si (tr),NR-E (b)	Si (tr),NR (sw) NR-E (b)
2,0 mm 4,4 g	2,0 mm 4,8 g
Art.No. 270.043 1/4" AG	Art.No. 270.113 1/4" AG

*Art. No. bei Bestellung mit angegebenem Material ergänzen / *Art. No. when ordering add indicated material /

*Art. No. en cas de commande veuillez ajouter le matériel indiqué

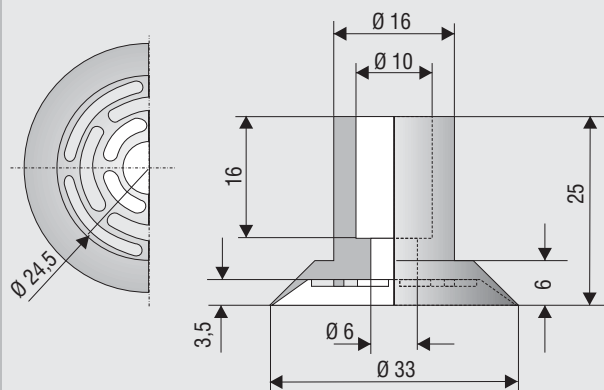


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Art.No. 104.033.034._*

NR-E (b),
CR (sw)



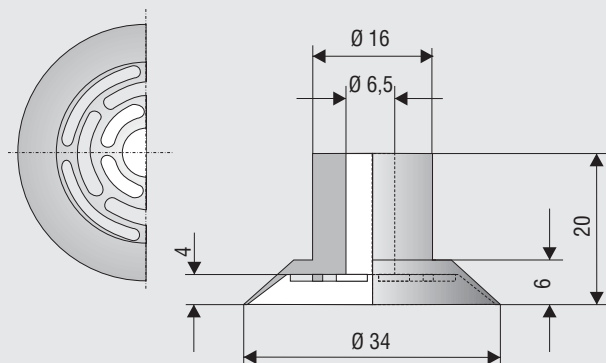
1,5 mm



4,4 g



Art.No. **270.190**
1/4" AG



Art.No. 104.034.036.4

NR-E (bg)



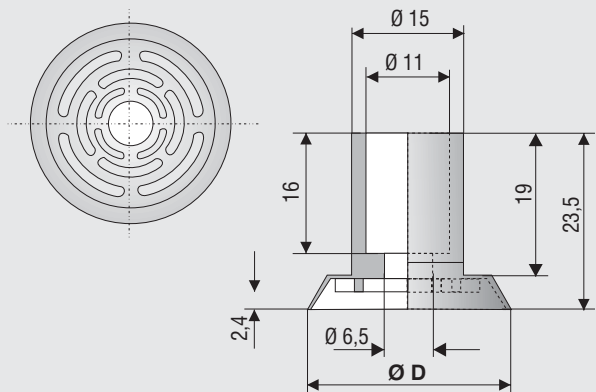
3,0 mm



4,8 g



Art.No. **270.274**
1/4" AG



Art.No.*	Material Material Matériel	Ø D		
104.027.062.3	NR (sw)	27	2,0 mm	2,8 g
104.030.009._	NBR (sw), Si (w), Si (tr), NR (sw)	30	3,0 mm	3,0 g

Art.No.*

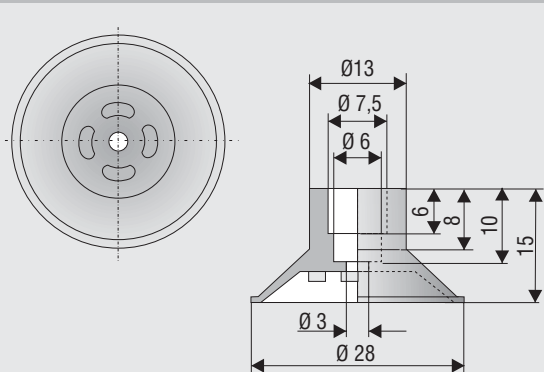


Art.No.

104.027.062.-
104.030.009._

270.044
270.227

1/4" AG
M 5 AG



Art.No. 102.028.194.1

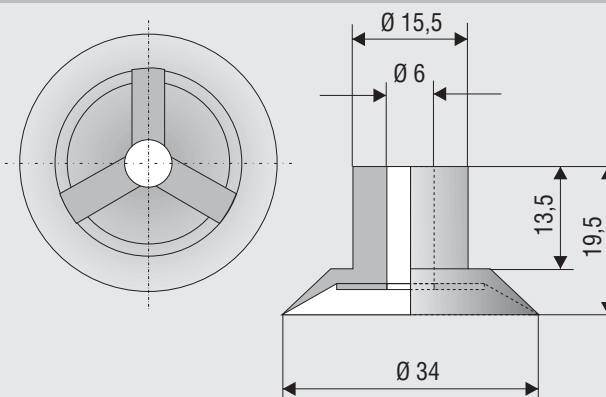
NBR (sw)



4,0 mm



2,1 g



Art.No. 104.034.054.V

Vinyl (bl)



3,0 mm



3,8 g



Art.No. **270.041**
1/8" IG

*Art. No. bei Bestellung mit angegebenem Material ergänzen / *Art. No. when ordering add indicated material /

*Art. No. en cas de commande veuillez ajouter le matériel indiqué

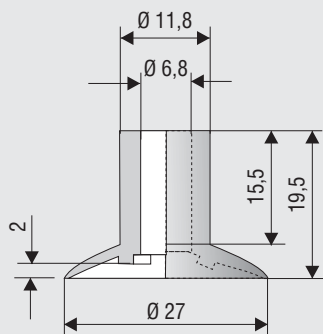
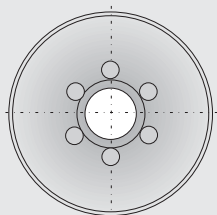


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Art.No. 102.027.246.4

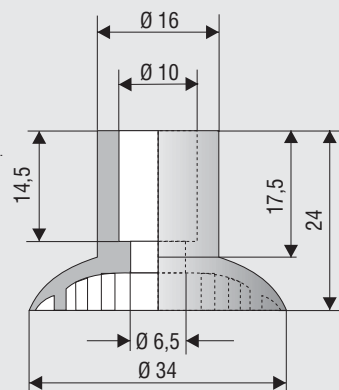
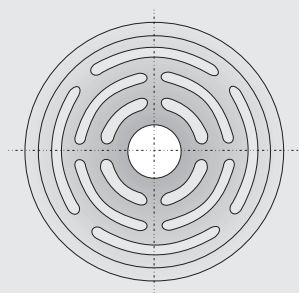
NR-E (b)



2,0 mm



2,4 g



Art.No. 116.034.001._*

NR (sw),
NR-E (bg)

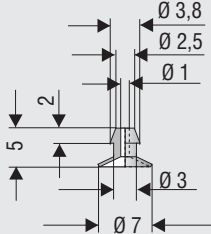


4,7 g

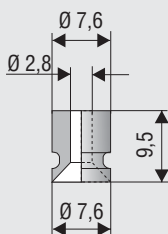


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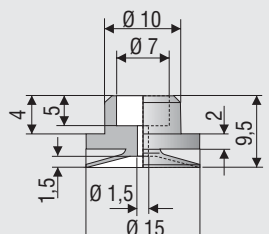
270.190
1/4" AG



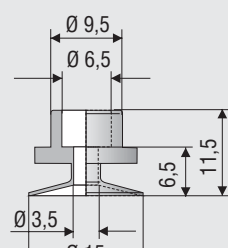
D



D



D



D

Art.No. 102.007.266.2

Si (tr)



1,5 mm



0,4 g

Art.No. 102.008.187.3

NR (sw)



1,5 mm



0,5 g

Art.No. 102.015.339.V

Vinyl (bl)



1,5 mm



1,0 g

Art.No. 102.015.341.3

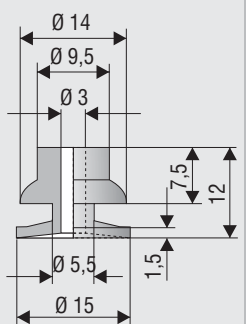
NR (sw)



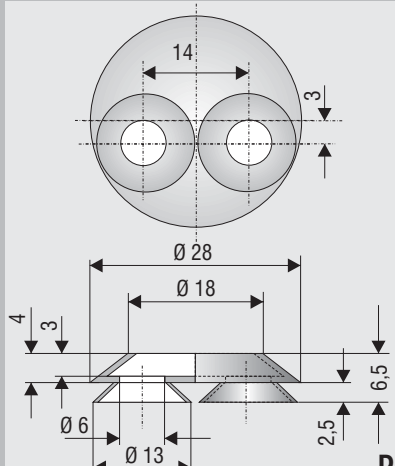
2,0 mm



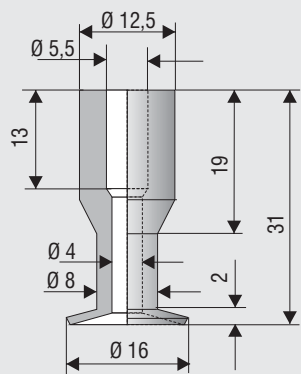
1,0 g



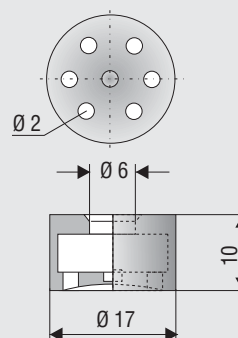
D



D



D



D

Art.No. 107.015.062.3

NR (sw)



1,5 mm



0,4 g

Art.No. 107.013.053.4

NR-E (sw)



2,0 mm



1,0 g

Art.No. 102.016.148.4

NR-E (gr)



0,8 mm



3,0 g

Art.No. 102.017.229.4 NR-E (or)
102.017.230.4 NR-E (sw)

NR-E



1,5 mm



0,5 g

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*Art. No. en cas de commande veuillez ajouter le matériel indiqué

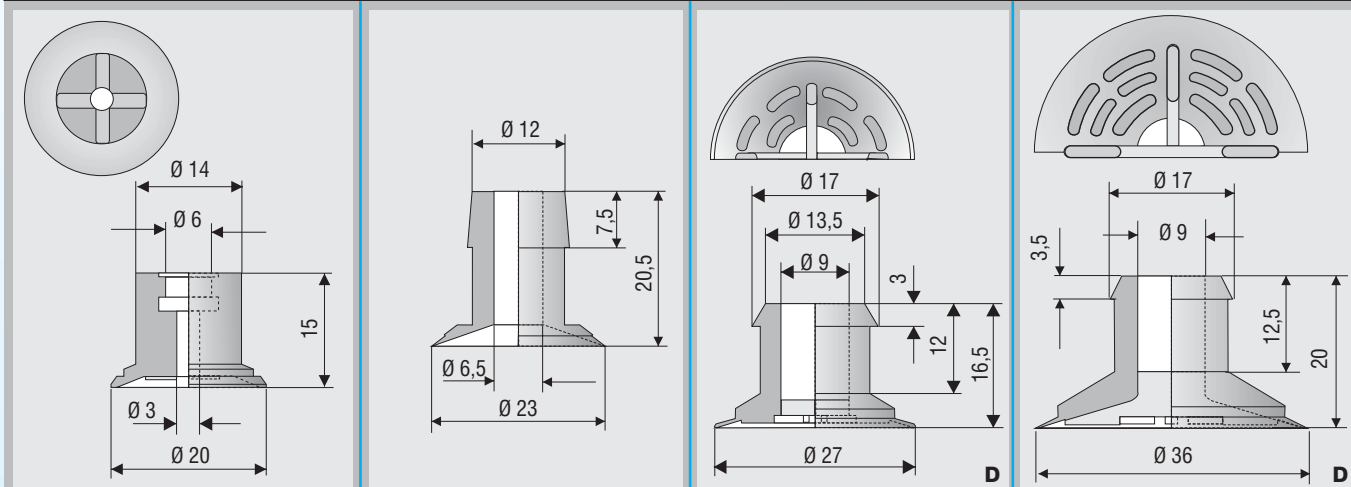


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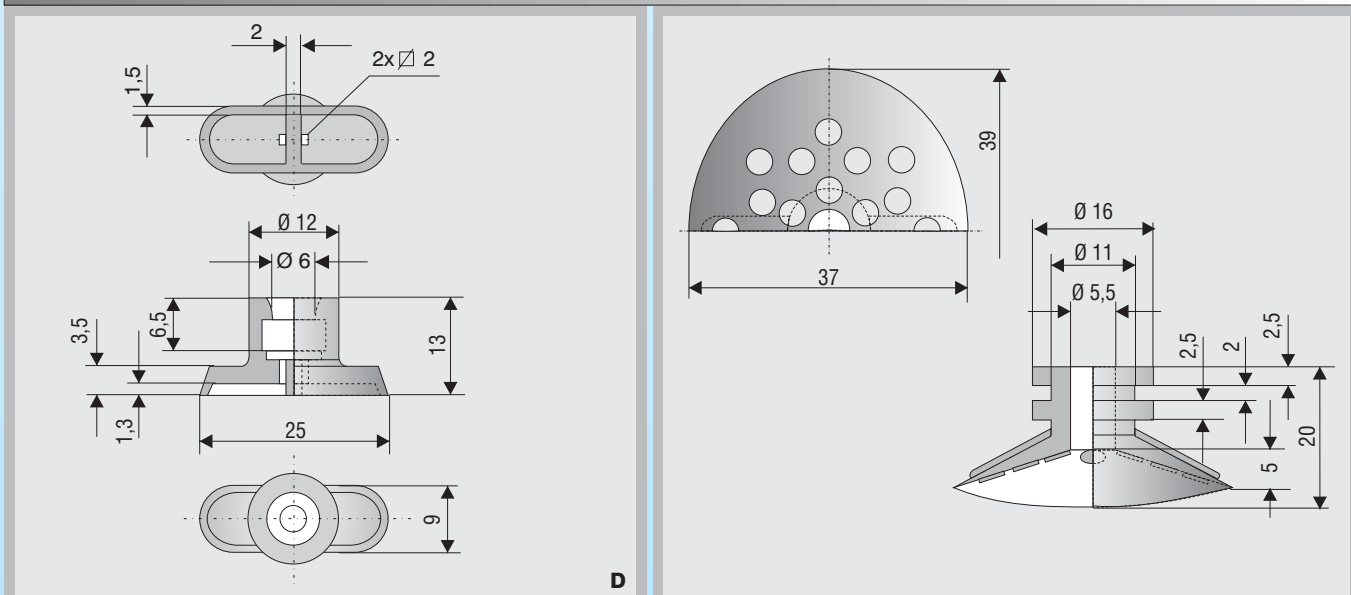
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Art.No.		Art.No. 102.023.331.V	Art.No. 102.027.298.2	Art.No. 102.036.342.2
102.020.083.2	Si (tr) 30° Shore	Vinyl (tr) 2,5 mm 2,0 g	Si (tr) 0,5 mm 2,0 g	Si (tr) 0,5 mm 5,0 g
102.020.080.1	NBR (sw) 40° Shore			
102.020.082.1	NBR (sw) 60° Shore			
102.020.084.2	Si (r) 60 Shore			
	1,0 mm 2,0 g			
Art.No.	270.085 1/8" AG 270.086 1/8" IG 270.037 M 5 AG		Art.No. 270.279 M 6 AG	Art.No. 270.112 1/8" AG 270.113 1/4" AG 270.280 M 5 AG

Ovalsauger Oval suction cups Ventouses ovales



Art.No. 132.25x9.035.4	Art.No. 132.39x37.042._*
NR-E (r) 0,0 mm 1,04 g	NR (sw), NR-E (bg) SBR (r), SBR (bl) 0,0 mm 3,4 g

*Art. No. bei Bestellung mit angegebenem Material ergänzen / *Art. No. when ordering add indicated material /

*Art. No. en cas de commande veuillez ajouter le matériel indiqué



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Balgensauger Bellows suction cups Ventouses à soufflets

Art.No. 23.007.112.V	Art.No. 23.011.186.2	Art.No. 21.010.070.V	Art.No. 21.011.095._*
Vinyl (bl) 1,5 mm 0,2 g Art.No. 270.001 M 5 AG	Si (r) 3,5 mm 1,0 g Art.No. 270.001 M 5 AG	Vinyl (bl) 5,0 mm 0,8 g Art.No. 270.013 M 5 AG 270.238 1/8" AG	NBR (sw) Si (tr), NR (sw) 0,5 mm 0,8 g Art.No. 270.003 M 5 AG 270.103 1/8" AG
Art.No. 23.017.184.4	Art.No. 23.017.100.4	Art.No. 23.017.102.4	
NR-E (r) 3,0 mm 1,0 g	NR-E (or) 6,0 mm 1,2 g	NR-E (sw) 5,5 mm 0,8 g	
Art.No. 23.018.082.4	Art.No. 23.018.175._*	Art.No. 23.018.183.4	
NR-E (bl) Si-E (tr) 3,0 mm 1,0 g	Si (tr) NR-E (bl) 6,0 mm 1,2 g	NR-E (r) 5,5 mm 0,8 g	

*Art. No. bei Bestellung mit angegebenem Material ergänzen / *Art. No. when ordering add indicated material /

*Art. No. en cas de commande veuillez ajouter le matériel indiqué

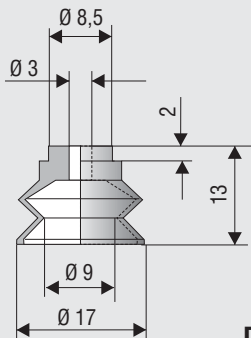
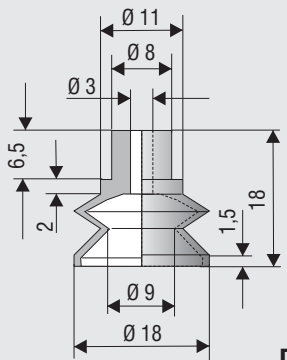
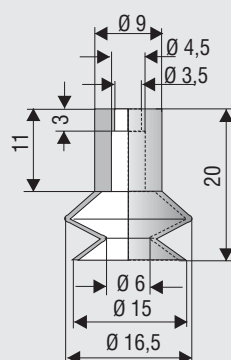
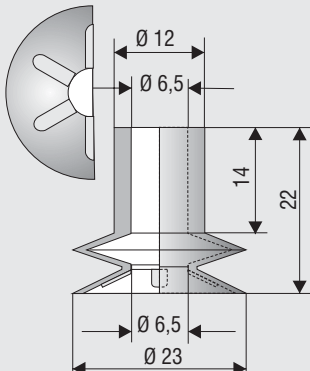


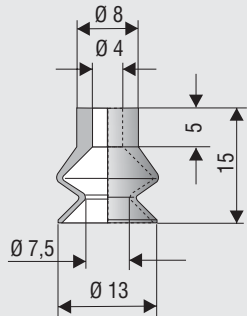
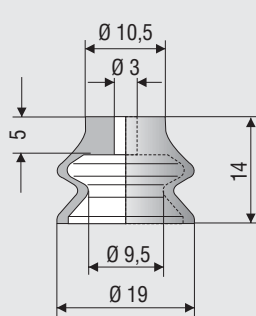
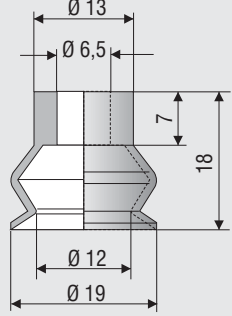
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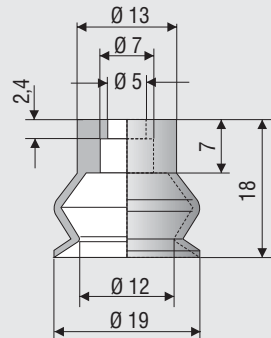
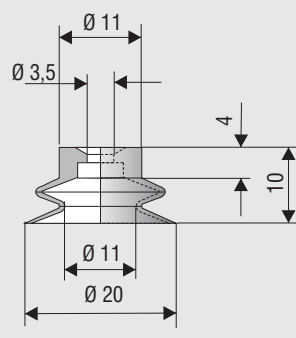
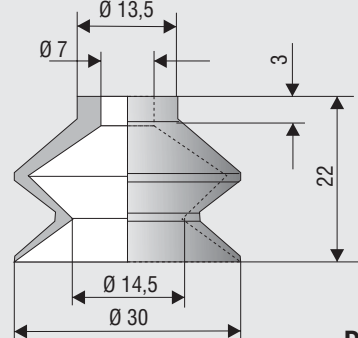
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Balgensauger Bellows suction cups Ventouses à soufflets

			
Art.No. 23.017.105.3	Art.No. 23.018.101.3	Art.No. 23.015.098.V	Art.No. 23.023.099.4
NR (sw)  7,0 mm  1,3 g	NR (sw)  6,0 mm  1,1 g	Vinyl (bl)  5,0 mm  1,2 g	NR-E (b)  5,0 mm  2,2 g
 Art.No. 270.196 M 5 AG	 Art.No. 270.033 1/8" AG 270.035 1/8" IG	 Art.No. 270.194 1/4" AG 270.197 M 5 AG	

		
Art.No. 23.013.097.V	Art.No. 23.019.168._*	Art.No. 23.019.109.V
Vinyl (bl)  5,0 mm  0,6 g	NR-E (b)  5,0 mm  2,0 g	Vinyl (bl)  7,0 mm  2,0 g

		
Art.No. 23.019.179.V	Art.No. 23.020.103.4	Art.No. 23.030.107.V
Vinyl (bl)  7,0 mm  2,0 g	NR-E (b)  2,0 mm  0,5 g	Vinyl (bl)  10,5 mm  4,7 g
 Art.No. 270.005 M 5 IG 270.010 M 5 AG	 Art.No. 270.030 1/8" AG 270.062 1/8" IG	

*Art. No. bei Bestellung mit angegebenem Material ergänzen / *Art. No. when ordering add indicated material /

*Art. No. en cas de commande veuillez ajouter le matériel indiqué

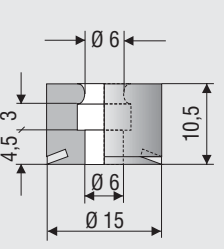
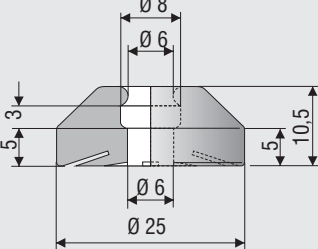
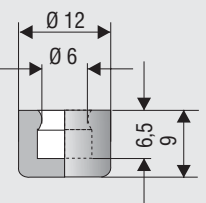
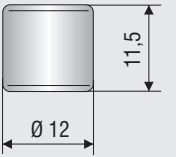


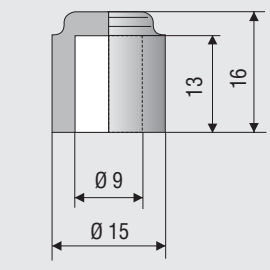
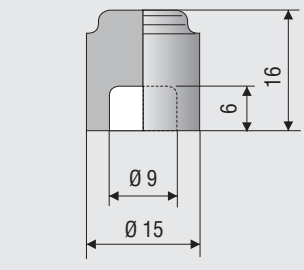
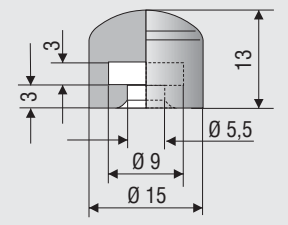
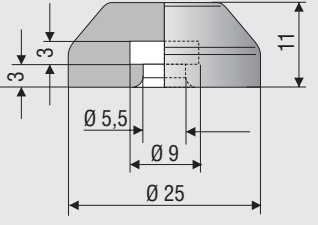
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D-85737 Ismaning
Freisinger Str. 30
www.fipa-online.com

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Zubehör Accessories Accessoires

Saugscheibenhalter / Suction-cup holder / Porte-plaque	Unterlage / Base / Cale	Kappe / Cap / Chapeau	Puffer/Buffer/Amortisseur
			
NR - 80° Shore D	NR - 80° Shore D	Kunststoff/plastic/ plastique: weiß/white/blanc D	NR (b) D
Art.No. 270.067	Art.No. 270.068	Art.No. 77.107	Art.No. 77.101
		Art.No. 77.102	

Puffer / Buffer / Amortisseur	Mitnehmer / Driver / Entraîneur
	
NR (sw) D	NR (sw) D
Art.No. 77.103	Art.No. 77.104
	
NR (sw) D	NR (r) D
Art.No. 77.105	Art.No. 77.106

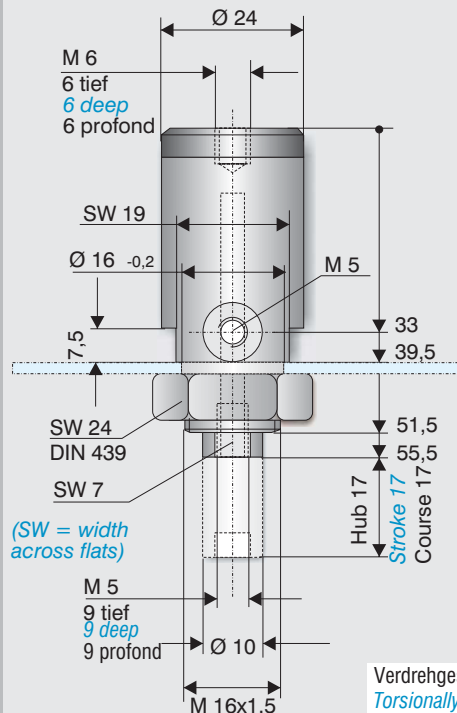
Vakuum-Hubzylinder Lifting Cylinder Vérins à vide

Einsatzbereich:

- Gleichzeitiges Ansaugen und Heben von dünnen, porösen und flächigen Werkstücken.
- Vereinzeln von Papier, Furnier und ähnl. Materialien.
- Teileentnahme aus Spritzgusswerkzeugen

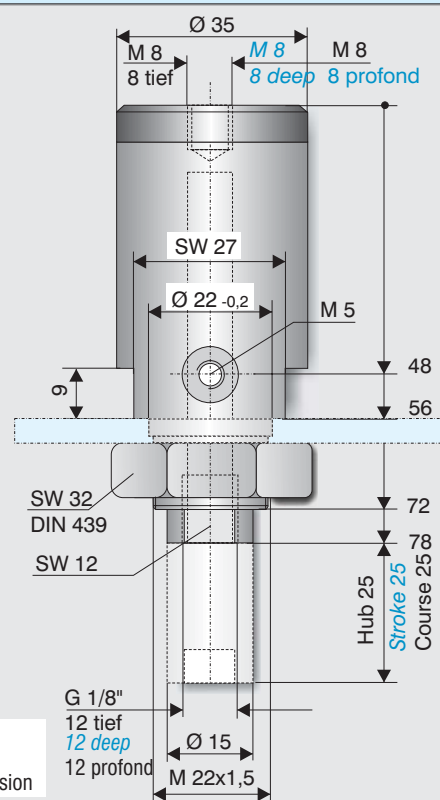
Uses

- Sucking and lifting thin, flat, porous workpieces
- Separating sheets of paper, veneer and similar materials
- Removing parts from injection-moulding dies



Art.No. 55.000

Alu, hartcoatiert (hohe Standzeit)
Alu, hard-coated (long service life)



Art.No. 55.001

Alu, hartcoatiert (hohe Standzeit)
Alu, hard-coated (long service life)



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Gummischeiben Flat Rubber Discs Rondelles en caoutchouc



Diese preisgünstigen Gummischeiben dienen vor allem in der Druckindustrie als Vakuum-Sauger für Papier und Kartonagen.

Die unterschiedlichen Materialdicken werden farblich unterschieden und der Artikel-Nummer als letzte Zahl angehängt (*).

1 VE = 100 Stück

Material <i>Material</i> Matériau	Dicke <i>Thickness</i> Épaisseur	Farbe <i>Color</i> Couleur	Endziffer* <i>Last digit*</i> Chiffre terminal*
NR	0,5 mm	weiß/ <i>white</i> /blanc	1
NR	0,8 mm	rosa/ <i>pink</i> /rose	2
NR	1,0 mm	beige/ <i>beige</i> /beige	3
NR	1,6 mm	weiß/ <i>white</i> /blanc	4
NR	2,0 mm	grün/ <i>green</i> /vert	5
PU	0,8 mm	transparent	6

Weitere Größen und Materialien auf Anfrage
Other dimensions and materials on request
Autre dimensions et matériaux sur demande

These flat rubber discs are mainly used in the printing industry as vacuum cups for paper and carton handling.

They are available in varying thicknesses and materials. The last digit of the article number indicates which combination is required().*

Packing unit = 100 pieces

Ces rondelles en caoutchouc servent avant tout dans l'imprimerie comme ventouses à vide pour le papier et le cartonage.

Les différentes épaisseurs de matériau sont distinguées par des couleurs suivies des numéros d'article comme dernier chiffre(*).

Unité d'emballage = 100 pièces

Außen-Ø <i>Ext. diameter</i> Ø ext.	Innen-Ø <i>Int. diameter</i> Ø int.	Art.No.	Außen-Ø <i>Ext. diameter</i> Ø ext.	Innen-Ø <i>Int. diameter</i> Ø int.	Art.No.	Außen-Ø <i>Ext. diameter</i> Ø ext.	Innen-Ø <i>Int. diameter</i> Ø int.	Art.No.
12,7	1,6	3.13.001._*	27,0	3,2	3.27.016._*	34,9	9,5	3.35.029._*
15,9	1,6	3.16.003._*	27,0	6,4	3.27.017._*	34,9	12,7	3.35.030._*
15,9	3,2	3.16.007._*	27,0	9,5	3.27.018._*	34,9	14,3	3.35.031._*
17,5	3,2	3.17.002._*	28,6	6,4	3.29.019._*	38,1	9,5	3.38.032._*
19,1	6,4	3.19.004._*	28,6	12,7	3.29.020._*	38,1	12,7	3.38.033._*
19,1	1,6	3.19.005._*	28,6	14,3	3.29.021._*	38,1	14,3	3.38.034._*
19,1	1,6	3.19.009._*	30,2	9,5	3.30.022._*	38,1	15,9	3.38.035._*
19,1	4,8	3.19.011._*	30,2	12,7	3.30.023._*	38,1	11,1	3.38.045._*
20,6	4,8	3.21.006._*	30,2	14,3	3.30.024._*	41,3	9,5	3.41.036._*
22,2	4,8	3.22.008._*	30,0	4,0	3.30.048._*	41,3	12,7	3.41.037._*
22,2	6,4	3.22.012._*	31,8	4,8	3.32.025._*	41,3	14,3	3.41.038._*
23,8	9,5	3.24.010._*	31,8	9,5	3.32.026._*	41,3	15,9	3.41.039._*
25,4	4,8	3.25.013._*	31,8	12,7	3.32.027._*	44,5	7,9	3.44.040._*
25,4	6,4	3.25.014._*	31,8	14,3	3.32.028._*	44,5	12,7	3.44.041._*
25,4	9,5	3.25.015._*	31,8	6,4	3.32.046._*	44,5	14,3	3.44.042._*
			31,8	11,1	3.32.047._*	44,5	15,9	3.44.043._*
						50,8	12,7	3.50.044._*

D

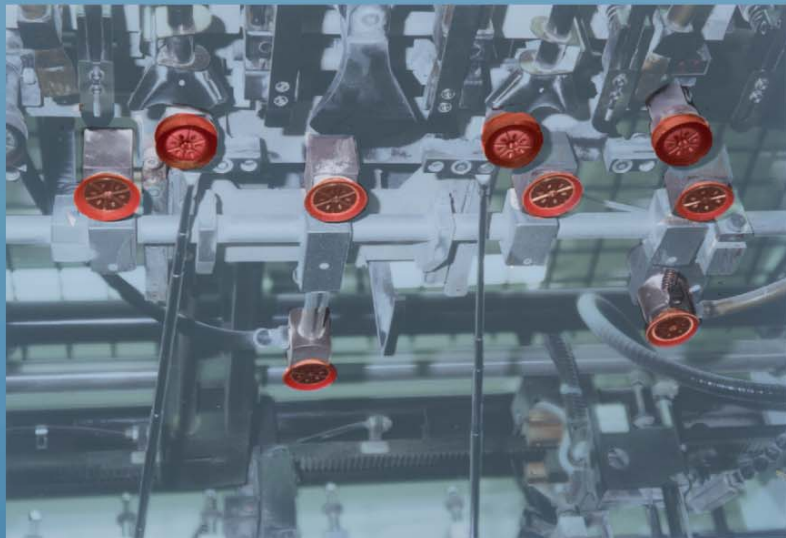


FIPA GmbH
VAKUUM-TECHNIK

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Freisinger Str. 30
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Art.No.	Seite/Page	Art.No.	Seite/Page	Art.No.	Seite/Page
21.010.070.V	9	102.015.341.3	7	102.026.128.4	4
21.011.095	9	102.016.122.4	3	102.027.334.4	2
23.007.112.V	9	102.016.138.4	3	102.027.246.4	7
23.011.186.2	9	102.016.319.5	4	102.028.194.1	6
23.015.098.V	10	102.016.255.2	4	102.030.009	6
23.017.184.4	9	102.016.148.4	7	102.032.104.4	2
23.017.100.4	9	102.017.162.V	3	102.036.106.2	2
23.017.102.4	9	102.017.276.4.B	3	102.036.342.2	8
23.017.105.3	10	102.017.131.4.A	3	102.042.232.3	2
23.018.082.4	9	102.017.132.4.T	3	104.014.020.1	2
23.018.175	9	102.017.132.4.B	3	104.016.058.4	3
23.018.183.4	9	102.017.132.4.R	3	104.025.027.4	4
23.018.101.3	10	102.017.133.4	3	104.027.062.3	6
23.019.168	10	102.017.161.V	3	104.033.034	6
23.019.109.V	10	102.017.229.4	7	104.034.036.4	6
23.019.179.V	10	102.017.230.4	7	104.034.054.V	6
23.020.103.4	10	102.018.277.4.BL	3	104.040.018	5
23.023.099.4	10	102.019.110.3	2	104.044.046.V	4
23.030.107.V	10	102.020.224	3	107.013.053.4	7
23013.097.V	10	102.020.140.3	5	107.014.005.5	2
55.000	11	102.020.272.3	5	107.015.062.3	7
55.001	11	102.020.299.5	5	108.032002	5
55.107	11	102.020.300.5	5	112.019.073.3	2
77.068	11	102.020.308.5	5	116.034.001	7
77.101	11	102.020.080.1	8	126.020.005	4
77.102	11	102.020.082.1	8	126.020.004	5
77.103	11	102.020.084.2	8	126.022.022.4	3
77.104	11	102.020.083.2	8	126.022.021.4	3
77.105	11	102.021.063.3	2	127.018.001	2
77.106	11	102.022.185.3	2	132.027.298.2	8
102.007.266.2	7	102.022.150.V	3	132.25x9.035.4	8
102.008.187.3	7	102.023.331.V	8	132.39x37.042	8
102.012.267.4	3	102.025.103	4	270.067	11
102.012.332.4	4	102.025.225.4	4	270.068	11
102.014.333.3	4	102.025.102	5		
102.015.339.V	7	102.025.301.5	5		



Zusätzliche FIPA-Produkte für die Druckindustrie

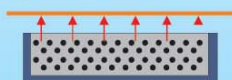
FIPAp[®] - mikroporöser Werkstoff



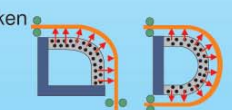
- zum Fixieren
- oder zum Tampondruck



- zum berührungslosen Gleiten



- zum Umlenken



Flexo•Line flexible Gelenkschläuche

- zum seitlichen Anblasen der
Papierstapel und zum Vereinzeln
der Papierbögen



Vakuum-Erzeuger

- Vakuumpumpen
- Ejektoren
- Wegeventile
- Filter
- Seitenkanal-
verdichter



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D-85737 Ismaning
Freisinger Str. 30

Internet: www.fipa-online.com

Tel. 089/96 24 89 - 0
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