

# VACUFLEX®

- [Products](#)
  - [Hoses](#)
  - [Connections](#)
  - [Brochure](#)
- [Company](#)
  - [About us](#)
  - [Sustainability](#)
  - [Code of Conduct](#)
  - [Certificates](#)
- [Service](#)
  - [VACUFLEX® Hose Academy](#)
  - [Dental hoses](#)
- [News](#)
- [Career](#)

- [Deutsch](#)
- [English](#)
- |
- [Chinese](#)

## SMOOTHFLEX PU FOOD ANT

Smoothbore and very flexible ducting hose, made of food grade TPU Ether (FDA), transparent with rigid PVC helix and copper braid. Hose in compliance according to EC 1935/2004 & EU 10/2011 - Class A/B/C/D1/D2/E

- food grade
- rigid PVC helix
- smooth bore

### MEDIUM

VACUFLEX GmbH | Hessenring 8-12  
64546 Mörfelden-Walldorf | Germany  
Tel. +49 6105 9339 0 | Fax: +49 6105 9339 60  
info@vacuflex.de | www.vacuflex.de



### Structure:

Smoothbore and very flexible hose, made of food grade TPU Ether (FDA), transparent with rigid PVC helix and copper braid

### Characteristics:

Resistant to hydrolysis and microbes, food grade according to EC 1935/2004 & EU 10/2011 – Class A/B/C/D1/D2/E, good flexibility, smooth bore

Depending on installation or operating conditions, the vacuum or pressure values may differ from those stated in the table. In doubtful cases, provide a description of the application you have in mind, and we will be pleased to advise you. Alternative sizes and colours, different tolerances etc. can be supplied on request. Technical Data (at 20°C)  
Stand: 11/2022



## PROPERTIES



### Applications:

Designed for light suction and transport of abrasive particles, granules, waste and dust in food and pharmaceutical industries, sweepers and lawn mowers, good resistance to hydrolysis and microbes

### Temperature range:

-30°C to +80°C

### Colour:

Transparent, ivory helix

### Special construction:

[SMOOTHFLEX PU FOOD](#): Food grade version

[SMOOTHFLEX PU IND](#): Industrial version

[SMOOTHFLEX PU IND ANT](#): Industrial and antistatic version

[Declaration of Compliance](#)

I.D. Ø mm	O.D. Ø mm	Wall thickness mm	r (mind.) mm	Weight ca. kg/m	Vacuum mbar	Pressure bar	Part no.
20	-	0,40	23	0,159	250	1,50	9-2100-020-10
25	-	0,40	29	0,201	250	1,50	9-2100-025-10
30	-	0,45	35	0,244	250	1,50	9-2100-030-10
32	-	0,45	37	0,260	200	1,50	9-2100-032-10
35	-	0,45	40	0,270	200	1,50	9-2100-035-10
38	-	0,45	44	0,283	200	1,50	9-2100-038-10
40	-	0,50	46	0,304	200	1,50	9-2100-040-10
45	-	0,50	52	0,311	200	1,50	9-2100-045-10
51	-	0,50	59	0,375	200	1,00	9-2100-051-10
55	-	0,50	63	0,460	200	1,00	9-2100-055-10
60	-	0,50	69	0,500	160	1,00	9-2100-060-10
63	-	0,50	72	0,510	160	1,00	9-2100-063-10
65	-	0,60	75	0,598	160	1,00	9-2100-065-10
70	-	0,60	81	0,615	160	1,00	9-2100-070-10
76	-	0,60	87	0,710	160	1,00	9-2100-076-10
80	-	0,60	92	0,750	160	1,00	9-2100-080-10
90	-	0,60	104	0,800	140	1,00	9-2100-090-10
102	-	0,60	117	0,910	130	0,80	9-2100-102-10
110	-	0,60	127	0,950	120	0,80	9-2100-110-10
120	-	0,65	138	1,117	100	0,80	9-2100-120-10
127	-	0,65	146	1,200	100	0,80	9-2100-127-10
130	-	0,65	150	1,495	90	0,60	9-2100-130-10
140	-	0,65	161	1,645	90	0,60	9-2100-140-10

I.D. Ø mm	O.D. Ø mm	Wall thickness mm	r (mind.) mm	Weight ca. kg/m	Vacuum mbar	Pressure bar	Part no.
152	-	0,65	175	1,748	80	0,60	9-2100-152-10
160	-	0,70	184	2,231	70	0,50	9-2100-160-10
170	-	0,70	196	2,335	50	0,50	9-2100-170-10
180	-	0,70	207	2,461	40	0,50	9-2100-180-10
203	-	0,70	233	2,630	40	0,40	9-2100-203-10
250	-	0,80	288	3,910	40	0,30	9-2100-250-10

Further diameters upon request.

State: 30.11.2022

## Contact

**VACUFLEX GmbH**  
Hessenring 8 -12  
64546 Mörfelden-Walldorf  
Germany

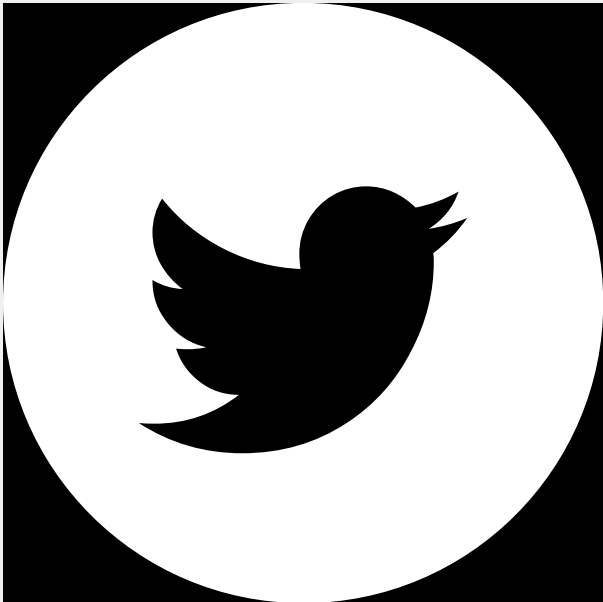
T +49 6105 9339 0  
F +49 6105 9339 60  
[info@vacuflex.de](mailto:info@vacuflex.de)

[Imprint](#)  
[Data privacy](#)  
[Terms of Use](#)



VACUFLEX GmbH | Hessenring 8-12  
64546 Mörfelden-Walldorf | Germany  
Tel. +49 6105 9339 0 | Fax: +49 6105 9339 60  
[info@vacuflex.de](mailto:info@vacuflex.de) | [www.vacuflex.de](http://www.vacuflex.de)

Depending on installation or operating conditions, the vacuum or pressure values may differ from those stated in the table. In doubtful cases, provide a description of the application you have in mind, and we will be pleased to advise you. Alternative sizes and colours, different tolerances etc. can be supplied on request. Technical Data (at 20°C)  
Stand: 11/2022



VACUFLEX GmbH | Hessenring 8-12  
64546 Mörfelden-Walldorf | Germany  
Tel. +49 6105 9339 0 | Fax: +49 6105 9339 60  
info@vacuflex.de | www.vacuflex.de

Depending on installation or operating conditions, the vacuum or pressure values may differ from those stated in the table. In doubtful cases, provide a description of the application you have in mind, and we will be pleased to advise you. Alternative sizes and colours, different tolerances etc. can be supplied on request. Technical Data (at 20°C)  
Stand: 11/2022



VACUFLEX Advanced Hoses Ltd.  
Room 101 of F Building No.2,  
Xingye Road, Jiuwangmiao Village,  
Zip code 511458, Nansha District,  
Guangzhou, China

T +86 20 846 852 37  
F +86 20 390 053 10

[info@vacuflex.cn](mailto:info@vacuflex.cn)  
[www.vacuflex.cn](http://www.vacuflex.cn)

Changxing VACUFLEX Hose Technology Co., Ltd

VACUFLEX GmbH | Hessenring 8-12  
64546 Mörfelden-Walldorf | Germany  
Tel. +49 6105 9339 0 | Fax: +49 6105 9339 60  
[info@vacuflex.de](mailto:info@vacuflex.de) | [www.vacuflex.de](http://www.vacuflex.de)

Depending on installation or operating conditions, the vacuum or pressure values may differ from those stated in the table. In doubtful cases, provide a description of the application you have in mind, and we will be pleased to advise you. Alternative sizes and colours, different tolerances etc. can be supplied on request. Technical Data (at 20°C)  
Stand: 11/2022

Sino-German International Industrial Zone,  
Changxing Economic and Technological  
Development Zone,  
Zip code 313100, Changxing, Huzhou City,  
Zhejiang Province, China

T +86 572 6666208  
M +86 135 6025 2608  
F +86 572 6666207

[info@vacuflex.cn](mailto:info@vacuflex.cn)  
[www.vacuflex.cn](http://www.vacuflex.cn)



Management  
System  
ISO 9001:2015

[www.tuv.com](http://www.tuv.com)  
ID 9000009721

SCHAUBURG HOSE TECHNOLOGY GROUP

© 2022 VACUFLEX GmbH

- [Products](#)
  - [Hoses](#)
  - [Connections](#)
  - [Brochure](#)
- [Company](#)
  - [About us](#)
  - [Sustainability](#)
  - [Code of Conduct](#)
  - [Certificates](#)
- [Service](#)
  - [VACUFLEX® Hose Academy](#)
  - [Dental hoses](#)
- [News](#)
- [Career](#)
- [Imprint](#)
- [Data privacy](#)
- [Terms of Use](#)
- [404](#)

- [de](#)
- [en](#)
- [CN](#)

VACUFLEX GmbH | Hessenring 8-12  
64546 Mörfelden-Walldorf | Germany  
Tel. +49 6105 9339 0 | Fax: +49 6105 9339 60  
[info@vacuflex.de](mailto:info@vacuflex.de) | [www.vacuflex.de](http://www.vacuflex.de)

Depending on installation or operating conditions, the vacuum or pressure values may differ from those stated in the table. In doubtful cases, provide a description of the application you have in mind, and we will be pleased to advise you. Alternative sizes and colours, different tolerances etc. can be supplied on request. Technical Data (at 20°C)  
Stand: 11/2022



VACUFLEX GmbH | Hessenring 8-12  
64546 Mörfelden-Walldorf | Germany  
Tel. +49 6105 9339 0 | Fax: +49 6105 9339 60  
info@vacuflex.de | www.vacuflex.de

Depending on installation or operating conditions, the vacuum or pressure values may differ from those stated in the table. In doubtful cases, provide a description of the application you have in mind, and we will be pleased to advise you. Alternative sizes and colours, different tolerances etc. can be supplied on request. Technical Data (at 20°C)  
Stand: 11/2022

