

VACUFLEX®

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

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

PU 900 C ECO

Medium heavy and flexible PU-Ether hose

- large elongation at break
- tensile and abrasion resistance

MEDIUM



PROPERTIES



Structure:

Wall made of abrasion resistant Polyurethane - as microbes and hydrolysis resistant version (wall thickness between the spirals ca. 0,9mm), copper plated spring steel spiral embedded into wall

Characteristics:

Medium heavy and flexible hose with good tensile and abrasion strengths and ultimate

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

elongation. Free of softeners, halogen free and cadmium free, ECO friendly

Acc. to TRGS 727 and ATEX 2014/34 EU, with earthing at both ends of the spiral for non-flammable dusts and bulks solids in Zone 22. Gases and liquids with low conductivity of electrostatic charges in Zone 2

Applications:

Universal hose for the woodworking, plastic and chemical industry for transportation of light solids and for air and gas transportation

Temperature range:

-40°C to +90°C (short term up to +125°C)

Colour:

Transparent

Compressed packaging available!

Further versions:

PU 900 C

PU 900 C ECO FR - flame retardant

[PU 900 E ECO](#) - PU-Ester hose

For more information about Eco-friendly products and sustainability at VACUFLEX visit our [sustainability page](#)

[Sustainable Products – Made in Germany](#)

VACUFLEX® Hose Academy - FAQ Videos

[How to cut a netted and compressed polyurethane hose](#)

I.D. Ø mm	O.D. Ø mm	Wall thickness mm	r (mind.) mm	Weight ca. kg/m	Vacuum mbar	Pressure bar	Part no.
32	38	0,9	38	0,246	350	1,1	7-2000-032-00
35	41	0,9	41	0,267	350	1,1	7-2000-035-00
38	44	0,9	44	0,289	350	1,1	7-2000-038-00
40	47	0,9	47	0,360	350	1,1	7-2000-040-00
42	49	0,9	49	0,377	350	1,1	7-2000-042-00
45	52	0,9	52	0,402	350	1,1	7-2000-045-00
48	55	0,9	55	0,428	350	1,1	7-2000-048-00
50	57	0,9	57	0,445	350	1,1	7-2000-050-00
51	58	0,9	58	0,454	250	0,9	7-2000-051-00
55	62	0,9	62	0,488	250	0,9	7-2000-055-00
60	67	0,9	67	0,531	250	0,9	7-2000-060-00

I.D. Ø mm	O.D. Ø mm	Wall thickness mm	r (mind.) mm	Weight ca. kg/m	Vacuum mbar	Pressure bar	Part no.
65	72	0,9	72	0,573	250	0,7	7-2000-065-00
70	77	0,9	77	0,677	250	0,7	7-2000-070-00
75	82	0,9	82	0,724	250	0,7	7-2000-075-00
76	83	0,9	83	0,733	250	0,7	7-2000-076-00
80	87	0,9	87	0,771	150	0,6	7-2000-080-00
83	90	0,9	90	0,799	150	0,6	7-2000-083-00
90	97	0,9	97	0,865	150	0,6	7-2000-090-00
100	108	0,9	108	0,874	150	0,6	7-2000-100-00
102	110	0,9	110	0,891	100	0,5	7-2000-102-00
110	118	0,9	118	0,960	100	0,5	7-2000-110-00
120	128	0,9	128	1,045	100	0,5	7-2000-120-00
125	133	0,9	133	1,087	100	0,5	7-2000-125-00
127	135	0,9	135	1,105	100	0,5	7-2000-127-00
130	138	0,9	138	1,130	100	0,5	7-2000-130-00
140	148	0,9	148	1,215	100	0,5	7-2000-140-00
150	158	0,9	158	1,301	100	0,5	7-2000-150-00
152	160	0,9	160	1,318	100	0,5	7-2000-152-00
160	168	0,9	168	1,386	50	0,3	7-2000-160-00
175	183	0,9	183	1,514	50	0,3	7-2000-175-00
180	188	0,9	188	1,557	50	0,3	7-2000-180-00
200	209	0,9	209	1,600	50	0,3	7-2000-200-00
203	212	0,9	212	1,623	50	0,3	7-2000-203-00
225	234	0,9	234	1,797	50	0,3	7-2000-225-00
250	259	0,9	259	1,994	20	0,2	7-2000-250-00
280	289	0,9	289	2,231	20	0,2	7-2000-280-00
300	309	0,9	309	2,388	20	0,2	7-2000-300-00
350	359	0,9	359	2,783	20	0,2	7-2000-350-00

Further diameters upon request.

State: 30.11.2022

Contact

VACUFLEX GmbH
Hessenring 8-12
64546 Mörfelden-Walldorf

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



Germany

T +49 6105 9339 0

F +49 6105 9339 60

info@vacuflex.de

[Imprint](#)

[Data privacy](#)

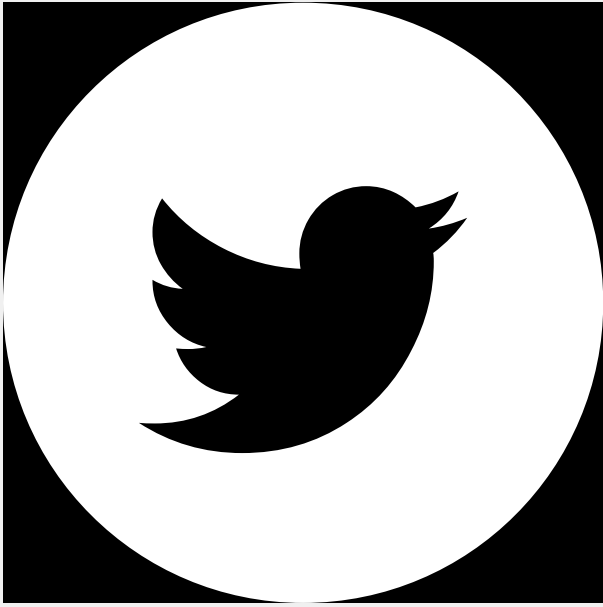
[Terms of Use](#)



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

www.vacuflex.cn

Changxing VACUFLEX Hose Technology Co., Ltd

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

www.vacuflex.cn

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







Management
System
ISO 9001:2015

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 | 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