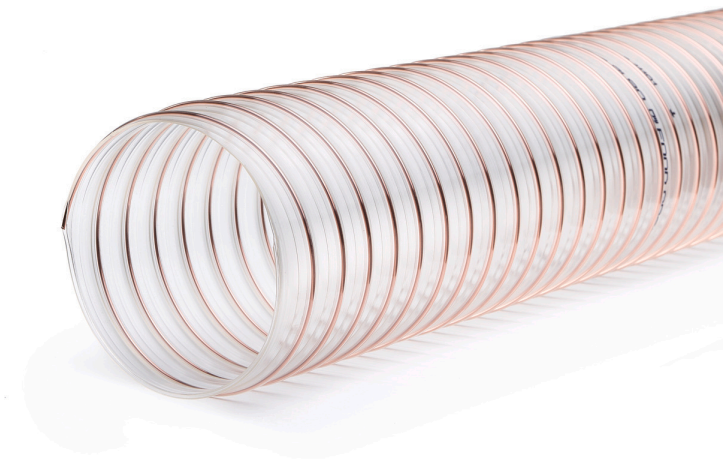
SCHAUENBURG
RUHRKUNSTSTOFF GMBH

FLEXADUX® P 2 PU Food

Very light weight and highly flexible Polyurethane hose, food grade



Applications	extraction systems, extractions arms, food production & -conveying, pharmaceutical production, filter systems
Structure	TPU / Polyether-Polyurethane, uncolored, clear, steel wire / spring steel wire / not coated / copper plated
Temperature	-40°C up to 100°C, short term up to 125°C
Properties	excellent flexibility, good compressibility, good abrasion resistance, good oil & petrol resistance, free of halogen & softeners
Norms	certified according to Food EU Directive (EC) No. 1935/2004 & Regulation (EC) No. 10/2011 for A, B, C, D1, D2, E, FDA standard 21 CFR 177.2600 & 178.2010, manufacturing process according to GMP EC 2023/2006
Optional	- Food-safe version for food simulant D2 (fatty foods)





made in Germany

Inner Diameter (mm)	Outer Diameter (mm)	Wall Thickness (mm)	Bending Radius (mm)	Max. Operating Pressure (bar)	Vacuum Max. (bar)	Total Weight per Piece (kg)	Length (m)	Article Number
25	29	0,40	15	0,65	0,30	1,39	10	25200025-1000-000-00
25	29	0,40	15	0,65	0,30	2,09	15	25200025-1500-000-00
32	36	0,40	20	0,60	0,30	1,64	10	25200032-1000-000-00
32	36	0,40	20	0,60	0,30	2,47	15	25200032-1500-000-00
38	42	0,40	22	0,50	0,25	2,05	10	25200038-1000-000-00
38	42	0,40	22	0,50	0,25	3,07	15	25200038-1500-000-00
40	44	0,40	24	0,50	0,25	2,12	10	25200040-1000-000-00
40	44	0,40	24	0,50	0,25	3,18	15	25200040-1500-000-00
50	54	0,40	31	0,45	0,20	2,53	10	25200050-1000-000-00
50	54	0,40	31	0,45	0,20	3,79	15	25200050-1500-000-00
51	55	0,40	31	0,45	0,20	2,65	10	25200051-1000-000-00
51	55	0,40	31	0,45	0,20	3,98	15	25200051-1500-000-00
60	64	0,40	36	0,40	0,16	3,00	10	25200060-1000-000-00
60	64	0,40	36	0,40	0,16	4,50	15	25200060-1500-000-00
63	67	0,40	37	0,38	0,15	3,14	10	25200063-1000-000-00
63	67	0,40	37	0,38	0,15	4,71	15	25200063-1500-000-00
65	69	0,40	38	0,38	0,15	3,23	10	25200065-1000-000-00
65	69	0,40	38	0,38	0,15	4,85	15	25200065-1500-000-00
70	74	0,40	40	0,35	0,15	9,36	15	25200070-1500-000-00
70	74	0,40	40	0,35	0,15	6,24	10	25200070-1000-000-00

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Inner Diameter (mm)	Outer Diameter (mm)	Wall Thickness (mm)	Bending Radius (mm)	Max. Operating Pressure (bar)	Vacuum Max. (bar)	Total Weight per Piece (kg)	Length (m)	Article Number
75	79	0,40	45	0,30	0,12	3,81	10	25200075-1000-000-00
75	79	0,40	45	0,30	0,12	5,72	15	25200075-1500-000-00
76	80	0,40	45	0,30	0,12	3,86	10	25200076-1000-000-00
76	80	0,40	45	0,30	0,12	5,79	15	25200076-1500-000-00
80	84	0,40	48	0,28	0,10	5,90	15	25200080-1500-000-00
80	84	0,40	48	0,28	0,10	3,94	10	25200080-1000-000-00
90	94	0,40	55	0,25	0,10	4,54	10	25200090-1000-000-00
90	94	0,40	55	0,25	0,10	6,80	15	25200090-1500-000-00
100	105	0,40	60	0,20	0,09	3,94	10	25200100-1000-000-00
100	105	0,40	60	0,20	0,09	5,90	15	25200100-1500-000-00
102	107	0,40	60	0,20	0,09	4,85	10	25200102-1000-000-00
102	107	0,40	60	0,20	0,09	7,27	15	25200102-1500-000-00
110	115	0,40	66	0,20	0,08	3,94	10	25200110-1000-000-00
110	115	0,40	66	0,20	0,08	5,90	15	25200110-1500-000-00
115	120	0,40	69	0,20	0,08	5,44	10	25200115-1000-000-00
115	120	0,40	69	0,20	0,08	8,17	15	25200115-1500-000-00
120	125	0,40	72	0,20	0,08	5,52	10	25200120-1000-000-00
120	125	0,40	72	0,20	0,08	8,28	15	25200120-1500-000-00
125	130	0,40	75	0,18	0,07	3,28	10	25200125-1000-000-00
125	130	0,40	75	0,18	0,07	4,91	15	25200125-1500-000-00
127	132	0,40	75	0,18	0,07	5,83	10	25200127-1000-000-00
127	132	0,40	75	0,18	0,07	8,75	15	25200127-1500-000-00
130	135	0,40	80	0,16	0,06	6,13	10	25200130-1000-000-00
130	135	0,40	80	0,16	0,06	9,20	15	25200130-1500-000-00
140	145	0,40	84	0,15	0,06	9,89	15	25200140-1500-000-00
140	145	0,40	84	0,15	0,06	6,59	10	25200140-1000-000-00
150	155	0,40	90	0,10	0,06	7,05	10	25200150-1000-000-00
150	155	0,40	90	0,10	0,06	10,58	15	25200150-1500-000-00
152	157	0,40	92	0,09	0,06	7,15	10	25200152-1000-000-00
152	157	0,40	92	0,09	0,06	10,72	15	25200152-1500-000-00
160	165	0,40	96	0,09	0,06	7,31	10	25200160-1000-000-00
160	165	0,40	96	0,09	0,06	10,96	15	25200160-1500-000-00
170	175	0,40	100	0,09	0,06	7,97	10	25200170-1000-000-00
175	180	0,40	103	0,09	0,06	8,20	10	25200175-1000-000-00
175	180	0,40	103	0,09	0,06	12,31	15	25200175-1500-000-00
180	185	0,40	108	0,09	0,06	8,20	10	25200180-1000-000-00
180	185	0,40	108	0,09	0,06	12,30	15	25200180-1500-000-00
200	206	0,40	120	0,08	0,05	9,83	10	25200200-1000-000-00
200	206	0,40	120	0,08	0,05	14,74	15	25200200-1500-000-00
203	209	0,40	123	0,07	0,05	9,97	10	25200203-1000-000-00
203	209	0,40	123	0,07	0,05	14,95	15	25200203-1500-000-00
215	221	0,40	129	0,07	0,05	0,00	10	25200215-1000-000-00

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215	221	0,40	129	0,07	0,05	0,00	15	25200215-1500-000-00
225	231	0,40	135	0,06	0,04	11,02	10	25200225-1000-000-00
225	231	0,40	135	0,06	0,04	16,52	15	25200225-1500-000-00
250	256	0,40	150	0,05	0,04	12,54	10	25200250-1000-000-00
250	256	0,40	150	0,05	0,04	18,81	15	25200250-1500-000-00
254	260	0,40	155	0,05	0,04	12,74	10	25200254-1000-000-00
254	260	0,40	155	0,05	0,04	19,10	15	25200254-1500-000-00
275	281	0,40	165	0,04	0,03	13,76	10	25200275-1000-000-00
280	286	0,40	170	0,04	0,03	0,00	10	25200280-1000-000-00
300	306	0,40	180	0,03	0,03	14,99	10	25200300-1000-000-00
305	311	0,40	185	0,03	0,02	15,23	10	25200305-1000-000-00
320	326	0,40	200	0,03	0,02	18,32	10	25200320-1000-000-00
325	331	0,40	205	0,03	0,02	18,61	10	25200325-1000-000-00
350	356	0,40	225	0,02	0,02	19,54	10	25200350-1000-000-00
400	406	0,40	240	0,02	0,02	22,29	10	25200400-1000-000-00
450	456	0,40	280	0,01	0,01	25,03	10	25200450-1000-000-00
500	506	0,40	300	0,01	0,01	0,00	10	25200500-1000-000-00

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