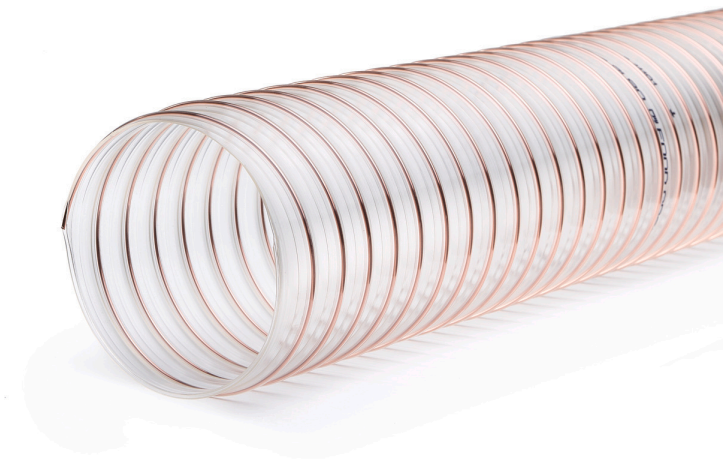
Ocono
Ruhrkunststoff

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 Polyether-Polyurethane, transparent, 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, excellent axial 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





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	29,00	0,40	15	0,65	0,30	1,39	10	25200025-1000-000-00
25	29,00	0,40	15	0,65	0,30	2,09	15	25200025-1500-000-00
32	36,00	0,40	20	0,60	0,30	1,64	10	25200032-1000-000-00
32	36,00	0,40	20	0,60	0,30	2,47	15	25200032-1500-000-00
38	42,00	0,40	22	0,50	0,25	2,05	10	25200038-1000-000-00
38	42,00	0,40	22	0,50	0,25	3,07	15	25200038-1500-000-00
40	44,00	0,40	24	0,50	0,25	2,12	10	25200040-1000-000-00
40	44,00	0,40	24	0,50	0,25	3,18	15	25200040-1500-000-00
50	54,00	0,40	31	0,45	0,20	2,53	10	25200050-1000-000-00
50	54,00	0,40	31	0,45	0,20	3,79	15	25200050-1500-000-00
60	64,00	0,40	36	0,40	0,16	3,00	10	25200060-1000-000-00
60	64,00	0,40	36	0,40	0,16	4,50	15	25200060-1500-000-00
65	69,00	0,40	38	0,38	0,15	3,23	10	25200065-1000-000-00
65	69,00	0,40	38	0,38	0,15	4,85	15	25200065-1500-000-00
70	74,00	0,40	40	0,35	0,15	9,36	15	25200070-1500-000-00
70	74,00	0,40	40	0,35	0,15	6,24	10	25200070-1000-000-00
75	79,00	0,40	45	0,30	0,12	3,81	10	25200075-1000-000-00
75	79,00	0,40	45	0,30	0,12	5,72	15	25200075-1500-000-00
80	84,00	0,40	48	0,28	0,10	5,90	15	25200080-1500-000-00
80	84,00	0,40	48	0,28	0,10	3,94	10	25200080-1000-000-00
90	94,00	0,40	55	0,25	0,10	4,54	10	25200090-1000-000-00
90	94,00	0,40	55	0,25	0,10	6,80	15	25200090-1500-000-00

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Date: 24.11.2026

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
100	105,00	0,40	60	0,20	0,09	3,94	10	25200100-1000-000-00
100	105,00	0,40	60	0,20	0,09	5,90	15	25200100-1500-000-00
110	115,00	0,40	66	0,20	0,08	3,94	10	25200110-1000-000-00
110	115,00	0,40	66	0,20	0,08	5,90	15	25200110-1500-000-00
115	120,00	0,40	69	0,20	0,08	5,44	10	25200115-1000-000-00
115	120,00	0,40	69	0,20	0,08	8,17	15	25200115-1500-000-00
120	125,00	0,40	72	0,20	0,08	5,52	10	25200120-1000-000-00
120	125,00	0,40	72	0,20	0,08	8,28	15	25200120-1500-000-00
125	130,00	0,40	75	0,18	0,07	3,28	10	25200125-1000-000-00
125	130,00	0,40	75	0,18	0,07	4,91	15	25200125-1500-000-00
140	145,00	0,40	84	0,15	0,06	9,89	15	25200140-1500-000-00
140	145,00	0,40	84	0,15	0,06	6,59	10	25200140-1000-000-00
150	155,00	0,40	90	0,10	0,06	7,05	10	25200150-1000-000-00
150	155,00	0,40	90	0,10	0,06	10,58	15	25200150-1500-000-00
160	165,00	0,40	96	0,09	0,06	7,31	10	25200160-1000-000-00
160	165,00	0,40	96	0,09	0,06	10,96	15	25200160-1500-000-00
170	175,00	0,40	100	0,09	0,06	7,97	10	25200170-1000-000-00
180	185,00	0,40	108	0,09	0,06	8,20	10	25200180-1000-000-00
180	185,00	0,40	108	0,09	0,06	12,30	15	25200180-1500-000-00
200	206,00	0,40	120	0,08	0,05	9,83	10	25200200-1000-000-00
200	206,00	0,40	120	0,08	0,05	14,74	15	25200200-1500-000-00
215	221,00	0,40	129	0,07	0,05	0,00	10	25200215-1000-000-00
215	221,00	0,40	129	0,07	0,05	0,00	15	25200215-1500-000-00
225	231,00	0,40	135	0,06	0,04	11,02	10	25200225-1000-000-00
225	231,00	0,40	135	0,06	0,04	16,52	15	25200225-1500-000-00
250	256,00	0,40	150	0,05	0,04	12,54	10	25200250-1000-000-00
250	256,00	0,40	150	0,05	0,04	18,81	15	25200250-1500-000-00
280	286,00	0,40	170	0,04	0,03	0,00	10	25200280-1000-000-00
300	306,00	0,40	180	0,03	0,03	14,99	10	25200300-1000-000-00
325	331,00	0,40	205	0,03	0,02	18,61	10	25200325-1000-000-00
350	356,00	0,40	225	0,02	0,02	19,54	10	25200350-1000-000-00
400	406,00	0,40	240	0,02	0,02	22,29	10	25200400-1000-000-00
450	456,00	0,40	280	0,01	0,01	25,03	10	25200450-1000-000-00
500	506,00	0,40	300	0,01	0,01	0,00	10	25200500-1000-000-00

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