FLEXADUX® P 3 PU AE

Medium weight and flexible Polyurethane hose



Applications	dosing, textile fiber extraction, agriculture, roof drainage, conveying technology
Structure	Polyether-Polyurethane, transparent, steel wire / spring steel wire / coated / PVC
Temperature	-40°C up to 100°C, short term up to 125°C
Properties	medium weight, very good abrasion resistance, smooth inside, good oil & petrol resistance, hydrolysis & microbe resistant
Optional	- electrically conductive (R ≤10^4 Ohm)





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
20	26,00	0,80	30	2,30	0,70	1,78	10	35600020-1000-000-00
20	26,00	0,80	30	2,30	0,70	2,67	15	35600020-1500-000-00
25	31,00	0,80	38	2,50	0,80	2,18	10	35600025-1000-000-00
25	31,00	0,80	38	2,50	0,80	3,27	15	35600025-1500-000-00
32	38,00	0,80	48	2,40	0,75	2,74	10	35600032-1000-000-00
32	38,00	0,80	48	2,40	0,75	4,11	15	35600032-1500-000-00
38	44,00	0,80	57	2,20	0,70	3,22	10	35600038-1000-000-00
38	44,00	0,80	57	2,20	0,70	4,83	15	35600038-1500-000-00
40	47,00	0,90	60	2,10	0,60	3,92	10	35600040-1000-000-00
40	47,00	0,90	60	2,10	0,60	5,88	15	35600040-1500-000-00
50	57,00	0,90	75	1,90	0,40	4,85	10	35600050-1000-000-00
60	67,00	0,90	90	1,60	0,35	5,77	10	35600060-1000-000-00
60	67,00	0,90	90	1,60	0,35	8,66	15	35600060-1500-000-00
70	77,00	0,90	105	1,30	0,30	10,04	15	35600070-1500-000-00
70	77,00	0,90	105	1,30	0,30	6,69	10	35600070-1000-000-00
76	83,00	0,90	114	1,20	0,30	7,25	10	35600076-1000-000-00
76	83,00	0,90	114	1,20	0,30	10,87	15	35600076-1500-000-00
80	87,00	0,90	120	1,20	0,30	7,62	10	35600080-1000-000-00
80	87,00	0,90	120	1,20	0,30	11,43	15	35600080-1500-000-00
90	97,00	0,90	135	1,10	0,28	8,54	10	35600090-1000-000-00
90	97,00	0,90	135	1,10	0,28	12,81	15	35600090-1500-000-00
100	109,00	1,10	150	1,00	0,25	16,14	15	35600100-1500-000-00

Ocono Ruhrkunststoff GmbH | Weseler Str. 35 | 45478 Mülheim an der Ruhr | Germany | T +49 208 99910 | rk@ocono.com

All technical data, measured at 23°C, are general orientation values and are subject to production-related tolerances. Max. operating pressures apply only for short periods. Technical changes and color deviations are subject to change. Other versions are available upon request.
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	109,00	1,10	150	1,00	0,25	10,76	10	35600100-1000-000-00
110	119,00	1,10	165	0,90	0,25	11,81	10	35600110-1000-000-00
110	119,00	1,10	165	0,90	0,25	17,71	15	35600110-1500-000-00
120	129,00	1,10	180	0,85	0,25	12,85	10	35600120-1000-000-00
120	129,00	1,10	180	0,85	0,25	19,28	15	35600120-1500-000-00
140	149,00	1,10	200	0,60	0,18	15,53	10	35600140-1000-000-00
140	149,00	1,10	200	0,60	0,18	23,30	15	35600140-1500-000-00
150	159,00	1,10	225	0,50	0,18	16,60	10	35600150-1000-000-00
160	169,00	1,10	240	0,40	0,16	17,66	10	35600160-1000-000-00
160	169,00	1,10	240	0,40	0,16	26,50	15	35600160-1500-000-00
175	184,00	1,10	260	0,35	0,16	19,26	10	35600175-1000-000-00
175	184,00	1,10	260	0,35	0,16	28,89	15	35600175-1500-000-00
180	189,00	1,10	270	0,30	0,15	29,69	15	35600180-1500-000-00
180	189,00	1,10	270	0,30	0,15	19,80	10	35600180-1000-000-00
200	209,00	1,10	315	0,25	0,13	21,93	10	35600200-1000-000-00
200	209,00	1,10	315	0,25	0,13	32,89	15	35600200-1500-000-00
215	228,00	1,50	340	0,20	0,12	30,53	10	35600215-1000-000-00
225	238,00	1,50	350	0,20	0,12	31,89	10	35600225-1000-000-00
225	238,00	1,50	350	0,20	0,12	47,84	15	35600225-1500-000-00
250	263,00	1,50	375	0,20	0,12	35,30	10	35600250-1000-000-00
250	263,00	1,50	375	0,20	0,12	52,94	15	35600250-1500-000-00
254	267,00	1,50	385	0,20	0,12	35,84	10	35600254-1000-000-00
300	313,00	1,50	450	0,15	0,10	42,10	10	35600300-1000-000-00

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