Ocono
Ruhrkunststoff

FLEXADUX® P 1 N PU EL

Light weight and flexible spiral hose made of Polyurethane, electrically conductive



Applications extraction systems, extractions arms, powder conveying & -coating, dust extraction, textile fiber extraction

Structure Polyether-Polyurethane, black / jet black (similar RAL 9005), opaque, steel wire / spring steel wire / coated / PVC

Temperature -40°C up to 90°C

Properties very good flexibility, good abrasion resistance, electrically conductive (R ≤ 10^3 Ohm), good oil & petrol resistance, good ozone- & UV-resistance, hydrolysis & microbe resistant

Norms TRBS 2153/TRGS 727, ATEX 2014/34/EU / aspiration (no zone or inside: zone 22), ATEX 2014/34/EU / pneumatic transport of combustible dusts (inside: zone 20, 21, 22)





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	24,00	0,50	12	1,80	0,45	1,26	10	15905020-1000-000-99
25	30,00	0,50	15	1,70	0,45	1,79	10	15905025-1000-000-99
25	30,00	0,50	15	1,70	0,45	2,69	15	15905025-1500-000-99
32	37,00	0,50	19	1,60	0,42	2,27	10	15905032-1000-000-99
32	37,00	0,50	19	1,60	0,42	3,41	15	15905032-1500-000-99
38	43,00	0,50	21	1,55	0,40	2,68	10	15905038-1000-000-99
40	46,00	0,50	24	1,40	0,30	2,50	10	15905040-1000-000-99
40	46,00	0,50	24	1,40	0,30	3,75	15	15905040-1500-000-99
51	57,00	0,60	31	1,30	0,26	4,49	10	15905051-1000-000-99
51	57,00	0,60	31	1,30	0,26	6,74	15	15905051-1500-000-99
60	66,00	0,60	36	1,10	0,25	5,24	10	15905060-1000-000-99
60	66,00	0,60	36	1,10	0,25	7,87	15	15905060-1500-000-99
65	71,00	0,60	38	1,00	0,23	5,66	10	15905065-1000-000-99
65	71,00	0,60	38	1,00	0,23	8,49	15	15905065-1500-000-99
70	76,00	0,60	40	1,00	0,25	6,08	10	15905070-1000-000-99
70	76,00	0,60	40	1,00	0,25	9,12	15	15905070-1500-000-99
76	82,00	0,60	46	0,80	0,20	6,58	10	15905076-1000-000-99
76	82,00	0,60	46	0,80	0,20	9,88	15	15905076-1500-000-99
80	86,00	0,60	48	0,70	0,18	6,92	10	15905080-1000-000-99
80	86,00	0,60	48	0,70	0,18	10,38	15	15905080-1500-000-99
102	109,00	0,60	62	0,60	0,15	8,74	10	15905102-1000-000-99
102	109,00	0,60	62	0,60	0,15	13,12	15	15905102-1500-000-99

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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

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110	117,00	0,60	66	0,50	0,14	9,41	10	15905110-1000-000-99
115	122,00	0,60	69	0,48	0,14	9,83	10	15905115-1000-000-99
115	122,00	0,60	69	0,48	0,14	14,75	15	15905115-1500-000-99
127	134,00	0,60	77	0,40	0,12	0,00	10	15905127-1000-000-99
127	134,00	0,60	77	0,40	0,12	0,00	15	15905127-1500-000-99
140	147,00	0,60	84	0,30	0,12	11,92	10	15905140-1000-000-99
140	147,00	0,60	84	0,30	0,12	17,89	15	15905140-1500-000-99
152	159,00	0,60	92	0,25	0,10	12,93	10	15905152-1000-000-99
152	159,00	0,60	92	0,25	0,10	19,39	15	15905152-1500-000-99
160	167,00	0,60	96	0,22	0,10	14,62	10	15905160-1000-000-99
160	167,00	0,60	96	0,22	0,10	21,93	15	15905160-1500-000-99
180	187,00	0,60	108	0,20	0,10	16,41	10	15905180-1000-000-99
180	187,00	0,60	108	0,20	0,10	24,61	15	15905180-1500-000-99
200	207,00	0,60	120	0,20	0,09	18,19	10	15905200-1000-000-99
200	207,00	0,60	120	0,20	0,09	27,29	15	15905200-1500-000-99

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