

FLEXADUX® P 3 PU EL

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

Applications	conveying of abrasive media, conveying technology, extraction systems, rail vehicles
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	good flexibility, electrically conductive ($R \leq 10^3 \text{ Ohm}$), very good abrasion resistance, good tensile strength, 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)



hydrolysis resistant



microbe-resistant



electrically conductive



abrasion resistant



very smooth inside



dust



solids

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	30,00	0,80	38	2,50	0,80	1,96	10	35905025-1000-000-99
25	30,00	0,80	38	2,50	0,80	2,94	15	35905025-1500-000-99
30	35,00	0,80	45	2,40	0,80	2,32	10	35905030-1000-000-99
30	35,00	0,80	45	2,40	0,80	3,47	15	35905030-1500-000-99
32	37,00	0,80	48	2,40	0,75	3,69	15	35905032-1500-000-99
32	37,00	0,80	48	2,40	0,75	2,46	10	35905032-1000-000-99
40	47,00	0,80	60	2,10	0,60	3,92	10	35905040-1000-000-99
40	47,00	0,80	60	2,10	0,60	5,88	15	35905040-1500-000-99
51	58,00	0,80	77	1,70	0,38	0,00	10	35905051-1000-000-99
51	58,00	0,80	77	1,70	0,38	0,00	15	35905051-1500-000-99
60	67,00	0,80	90	1,60	0,35	5,77	10	35905060-1000-000-99
60	67,00	0,80	90	1,60	0,35	8,66	15	35905060-1500-000-99
65	72,00	0,80	98	1,45	0,32	6,23	10	35905065-1000-000-99
65	72,00	0,80	98	1,45	0,32	9,35	15	35905065-1500-000-99
70	77,00	0,80	105	1,30	0,30	6,69	10	35905070-1000-000-99
70	77,00	0,80	105	1,30	0,30	10,04	15	35905070-1500-000-99
76	83,00	0,80	114	1,20	0,30	7,25	10	35905076-1000-000-99
76	83,00	0,80	114	1,20	0,30	10,87	15	35905076-1500-000-99
80	87,00	0,80	120	1,20	0,30	7,62	10	35905080-1000-000-99
80	87,00	0,80	120	1,20	0,30	11,43	15	35905080-1500-000-99
90	97,00	0,80	135	1,10	0,28	0,00	15	35905090-1500-000-99
90	97,00	0,80	135	1,10	0,28	0,00	10	35905090-1000-000-99

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
102	110,00	1,00	153	1,00	0,25	10,47	10	35905102-1000-000-99
102	110,00	1,00	153	1,00	0,25	15,71	15	35905102-1500-000-99
152	161,00	1,00	227	0,50	0,18	0,00	15	35905152-1500-000-99
152	161,00	1,00	227	0,50	0,18	0,00	10	35905152-1000-000-99
160	169,00	1,00	240	0,40	0,16	16,76	10	35905160-1000-000-99
160	169,00	1,00	240	0,40	0,16	25,14	15	35905160-1500-000-99
180	189,00	1,00	270	0,30	0,15	18,78	10	35905180-1000-000-99
180	189,00	1,00	270	0,30	0,15	28,17	15	35905180-1500-000-99
200	209,00	1,00	315	0,25	0,13	20,80	10	35905200-1000-000-99
200	209,00	1,00	315	0,25	0,13	31,20	15	35905200-1500-000-99
250	263,00	1,00	375	0,20	0,12	30,87	10	35905250-1000-000-99