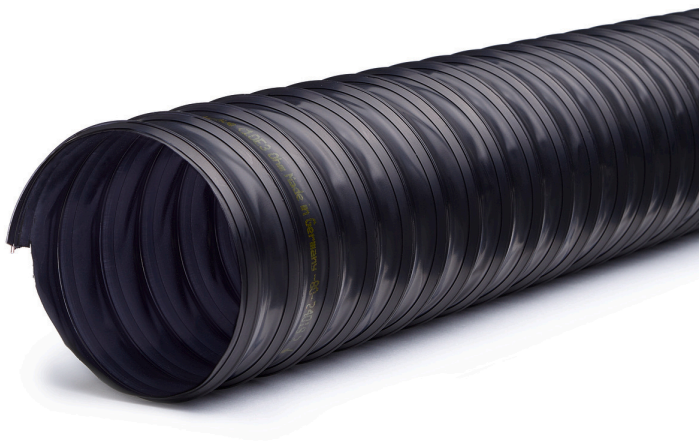
FLEXADUX® P 2 PE EL

Very light and highly flexible spiral hose made of Polyethylene, electrically conductive



Applications solvent vapor extraction, extraction systems, steam extraction, air extraction, ventilation

Structure PE, black / jet black (similar RAL 9005), opaque, steel wire / spring steel wire / not coated / copper plated

Temperature -40°C up to 60°C

Properties electrically conductive (R ≤ 10^3 Ohm), light weight, excellent flexibility, very good chemical resistance, free of halogen & softeners

Norms TRBS 2153/TRGS 727, ATEX 2014/34/EU / aspiration (no zone or inside: zone 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
40	43,00	0,40	28	0,45	0,18	1,00	10	28005040-1000-000-99
40	43,00	0,40	28	0,45	0,18	1,51	15	28005040-1500-000-99
51	54,00	0,40	36	0,40	0,16	1,26	10	28005051-1000-000-99
51	54,00	0,40	36	0,40	0,16	1,90	15	28005051-1500-000-99
60	63,00	0,40	42	0,40	0,16	1,48	10	28005060-1000-000-99
60	63,00	0,40	42	0,40	0,16	2,22	15	28005060-1500-000-99
65	68,00	0,40	46	0,35	0,12	1,60	10	28005065-1000-000-99
65	68,00	0,40	46	0,35	0,12	2,39	15	28005065-1500-000-99
76	79,00	0,40	55	0,30	0,10	1,86	10	28005076-1000-000-99
76	79,00	0,40	55	0,30	0,10	2,78	15	28005076-1500-000-99
80	83,00	0,40	56	0,30	0,10	1,95	10	28005080-1000-000-99
80	83,00	0,40	56	0,30	0,10	2,93	15	28005080-1500-000-99
90	93,00	0,40	60	0,25	0,10	2,19	10	28005090-1000-000-99
102	106,00	0,40	72	0,20	0,09	3,02	10	28005102-1000-000-99
102	106,00	0,40	72	0,20	0,09	4,54	15	28005102-1500-000-99
110	114,00	0,40	75	0,20	0,08	3,25	10	28005110-1000-000-99
110	114,00	0,40	75	0,20	0,08	4,88	15	28005110-1500-000-99
120	124,00	0,40	85	0,20	0,08	3,54	10	28005120-1000-000-99
120	124,00	0,40	85	0,20	0,08	5,31	15	28005120-1500-000-99
127	131,00	0,40	88	0,20	0,08	3,74	10	28005127-1000-000-99
127	131,00	0,40	88	0,20	0,08	5,61	15	28005127-1500-000-99
140	144,00	0,40	120	0,15	0,07	4,11	10	28005140-1000-000-99

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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

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
150	154,00	0,40	100	0,10	0,06	4,40	10	28005150-1000-000-99
150	154,00	0,40	100	0,10	0,06	6,60	15	28005150-1500-000-99
152	156,00	0,40	104	0,10	0,06	4,46	10	28005152-1000-000-99
152	156,00	0,40	104	0,10	0,06	6,68	15	28005152-1500-000-99
160	164,00	0,40	110	0,10	0,05	4,69	10	28005160-1000-000-99
180	186,00	0,40	120	0,10	0,04	7,83	10	28005180-1000-000-99
180	186,00	0,40	120	0,10	0,04	11,74	15	28005180-1500-000-99
203	209,00	0,40	145	0,08	0,05	8,81	10	28005203-1000-000-99
203	209,00	0,40	145	0,08	0,05	13,21	15	28005203-1500-000-99
205	211,00	0,40	150	0,08	0,05	0,00	10	28005205-1000-000-99
250	256,00	0,40	175	0,05	0,04	10,81	10	28005250-1000-000-99

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