FLEXADUX® P 7 L PU EL

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



Applications conveying technology, conveying of abrasive media, automotive engineering, vehicle construction, extraction systems

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

Temperature -40°C up to 90°C

Properties good flexibility, electrically conductive (R ≤ 10^3 Ohm), very good abrasion resistance, good tensile strength, ultimate elongation, 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
25	30,00	0,70	25	1,40	0,40	3,30	15	06905025-1500-000-99
25	30,00	0,70	25	1,40	0,40	2,20	10	06905025-1000-000-99
32	37,00	0,70	32	1,30	0,35	2,77	10	06905032-1000-000-99
32	37,00	0,70	32	1,30	0,35	4,16	15	06905032-1500-000-99
38	43,00	0,70	38	1,20	0,35	0,00	10	06905038-1000-000-99
38	43,00	0,70	38	1,20	0,35	0,00	15	06905038-1500-000-99
40	45,00	0,70	40	1,15	0,30	3,42	10	06905040-1000-000-99
40	45,00	0,70	40	1,15	0,30	5,13	15	06905040-1500-000-99
51	57,00	0,70	51	1,00	0,25	3,93	10	06905051-1000-000-99
51	57,00	0,70	51	1,00	0,25	5,89	15	06905051-1500-000-99
60	66,00	0,70	60	1,00	0,25	4,60	10	06905060-1000-000-99
60	66,00	0,70	60	1,00	0,25	6,89	15	06905060-1500-000-99
65	71,00	0,70	65	1,00	0,23	4,97	10	06905065-1000-000-99
65	71,00	0,70	65	1,00	0,23	7,45	15	06905065-1500-000-99
76	82,00	0,70	76	0,80	0,20	5,78	10	06905076-1000-000-99
76	82,00	0,70	76	0,80	0,20	8,67	15	06905076-1500-000-99
80	86,00	0,70	80	0,80	0,20	6,08	10	06905080-1000-000-99
80	86,00	0,70	80	0,80	0,20	9,12	15	06905080-1500-000-99
102	108,00	0,70	102	0,60	0,18	7,71	10	06905102-1000-000-99
102	108,00	0,70	102	0,60	0,18	11,57	15	06905102-1500-000-99
127	133,00	0,70	127	0,50	0,15	0,00	15	06905127-1500-000-99
127	133,00	0,70	127	0,50	0,15	0,00	10	06905127-1000-000-99

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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

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140	146,00	0,70	140	0,40	0,13	0,00	10	06905140-1000-000-99
140	146,00	0,70	140	0,40	0,13	0,00	15	06905140-1500-000-99
152	158,00	0,70	152	0,40	0,10	11,30	10	06905152-1000-000-99
152	158,00	0,70	152	0,40	0,10	16,94	15	06905152-1500-000-99
160	166,00	0,70	160	0,35	0,08	10,60	10	06905160-1000-000-99
160	166,00	0,70	160	0,35	0,08	15,90	15	06905160-1500-000-99
180	187,00	0,70	180	0,30	0,07	15,96	10	06905180-1000-000-99
180	187,00	0,70	180	0,30	0,07	23,93	15	06905180-1500-000-99
203	210,00	0,70	203	0,25	0,05	0,00	10	06905203-1000-000-99
250	257,00	0,70	250	0,20	0,04	22,09	10	06905250-1000-000-99

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