

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** TPU / Polyether-Polyurethane, black / jet black (similar RAL 9005), steel wire / spring steel wire / coated / PVC
- Temperature** -40°C up to 100°C, short term up to 125°C
- Properties** very good flexibility, good abrasion resistance, electrically conductive ($R \leq 10^3 \text{ Ohm}$), good oil & petrol resistance, good ozone- & UV-resistance, hydrolysis- & microbe resistance
- 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)



Inner Diameter (mm)	Wall Thickness (mm)	Bending Radius (mm)	Max. Working Pressure (bar)	Max. Vacuum (bar)	Weight (kg/m)	Article Number
20	0,50	20	1,80	0,45	0,13	15905020
25	0,50	25	1,65	0,40	0,18	15905025
30	0,50	30	1,50	0,35	0,21	15905030
40	0,50	40	1,40	0,30	0,25	15905040
50	0,50	50	1,30	0,28	0,44	15905050
60	0,50	60	1,10	0,25	0,52	15905060
70	0,50	70	0,90	0,20	0,61	15905070
80	0,50	80	0,70	0,18	0,69	15905080
100	0,60	100	0,60	0,15	0,86	15905100
120	0,60	120	0,50	0,15	1,03	15905120
125	0,60	125	0,40	0,12	1,07	15905125
140	0,60	140	0,30	0,12	1,19	15905140
150	0,60	150	0,25	0,10	1,28	15905150
200	0,60	200	0,20	0,09	1,82	15905200
225	0,60	225	0,20	0,08	2,04	15905225
250	0,60	250	0,15	0,08	2,26	15905250