FLEXADUX® P 2 CNC

Flexible Polyurethane ducting specially for CNC machines, flame retardant



Applications CNC processing, sawing & milling, wood dust extraction, extraction systems, automation technology & robotics

Structure Polyether-Polyurethane, transparent, steel wire / spring steel wire / coated / PVC

Temperature -40°C up to 100°C, short term up to 125°C

Properties very good flexibility, very good abrasion resistance, good oil & petrol resistance, hydrolysis & microbe resistant, flame-retardant

Norms flame-retardant according to DIN 4102 / B1 | discharge capability according to BGI 739-2 with spiral earthing





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
60	68,00	0,65	60	0,40	0,25	4,94	10	27700060-1000-000-00
60	68,00	0,65	60	0,40	0,25	7,41	15	27700060-1500-000-00
80	88,00	0,65	80	0,35	0,20	6,47	10	27700080-1000-000-00
80	88,00	0,65	80	0,35	0,20	9,71	15	27700080-1500-000-00
100	108,00	0,65	100	0,30	0,15	8,01	10	27700100-1000-000-00
100	108,00	0,65	100	0,30	0,15	12,01	15	27700100-1500-000-00
120	128,00	0,65	120	0,30	0,12	9,55	10	27700120-1000-000-00
120	128,00	0,65	120	0,30	0,12	14,32	15	27700120-1500-000-00
127	135,00	0,65	127	0,28	0,10	0,00	10	27700127-1000-000-00
127	135,00	0,65	127	0,28	0,10	0,00	15	27700127-1500-000-00
150	158,00	0,65	150	0,25	0,09	11,85	10	27700150-1000-000-00
150	158,00	0,65	150	0,25	0,09	17,77	15	27700150-1500-000-00
160	170,00	0,80	160	0,20	0,08	17,50	10	27700160-1000-000-00
160	170,00	0,80	160	0,20	0,08	26,25	15	27700160-1500-000-00
180	190,00	0,80	180	0,15	0,07	19,61	10	27700180-1000-000-00
180	190,00	0,80	180	0,15	0,07	29,42	15	27700180-1500-000-00
200	210,00	0,80	200	0,15	0,05	32,59	15	27700200-1500-000-00
200	210,00	0,80	200	0,15	0,05	21,73	10	27700200-1000-000-00
225	235,00	0,80	225	0,10	0,04	24,37	10	27700225-1000-000-00
225	235,00	0,80	225	0,10	0,04	36,56	15	27700225-1500-000-00
250	260,00	0,80	250	0,10	0,04	27,01	10	27700250-1000-000-00
250	260,00	0,80	250	0,10	0,04	40,52	15	27700250-1500-000-00

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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: 04.11.2026

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
280	290,00	0,80	280	0,08	0,03	30,18	10	27700280-1000-000-00
300	310,00	0,80	300	0,05	0,03	32,30	10	27700300-1000-000-00
315	325,00	0,80	315	0,03	0,02	33,88	10	27700315-1000-000-00
350	360,00	0,80	350	0,02	0,02	37,58	10	27700350-1000-000-00
400	410,00	0,80	400	0,02	0,02	42,87	10	27700400-1000-000-00
450	460,00	0,80	450	0,01	0,01	48,16	10	27700450-1000-000-00
500	510,00	0,80	500	0,01	0,01	53,44	10	27700500-1000-000-00

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