FLEXADUX® PTFE EL CL

Highly flexible clip hose made of PTFE, electrically conductive



Applications paint mist extraction, paper production, extraction systems, automation technology & robotics, pharmaceutical production

Structure PTFE coated glass fabric, black / jet black (similar RAL 9005), opaque, clip profile / single-layer

Temperature -150°C up to 250°C

Properties very good flexibility, very good temperature resistance, excellent axial compressibility, very good chemical resistance, electrically conductive (R ≤ 10^3 Ohm)

Norms ATEX 2014/34/EU, TRBS 2153/TRGS 727





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
50	60,00	0,15	30	0,85	0,32	1,18	3	03382050-0300-000-00
50	60,00	0,15	30	0,85	0,32	2,36	6	03382050-0600-000-00
60	70,00	0,15	36	0,68	0,22	1,40	3	03382060-0300-000-00
60	70,00	0,15	36	0,68	0,22	2,80	6	03382060-0600-000-00
76	86,00	0,15	45	0,47	0,14	1,75	3	03382076-0300-000-00
76	86,00	0,15	45	0,47	0,14	3,50	6	03382076-0600-000-00
80	90,00	0,15	48	0,43	0,12	3,57	6	03382080-0600-000-00
80	90,00	0,15	48	0,43	0,12	1,79	3	03382080-0300-000-00
102	112,00	0,15	60	0,30	0,08	1,65	3	03382102-0300-000-00
102	112,00	0,15	60	0,30	0,08	3,30	6	03382102-0600-000-00
112	122,00	0,15	66	0,25	0,07	1,76	3	03382112-0300-000-00
112	122,00	0,15	66	0,25	0,07	3,52	6	03382112-0600-000-00
120	130,00	0,15	72	0,22	0,06	1,93	3	03382120-0300-000-00
120	130,00	0,15	72	0,22	0,06	3,86	6	03382120-0600-000-00
127	137,00	0,15	75	0,21	0,05	1,93	3	03382127-0300-000-00
127	137,00	0,15	75	0,21	0,05	3,86	6	03382127-0600-000-00
140	150,00	0,15	84	0,16	0,04	2,24	3	03382140-0300-000-00
140	150,00	0,15	84	0,16	0,04	4,49	6	03382140-0600-000-00
152	162,00	0,15	90	0,15	0,04	2,43	3	03382152-0300-000-00
152	162,00	0,15	90	0,15	0,04	4,86	6	03382152-0600-000-00
160	170,00	0,15	96	0,14	0,03	5,11	6	03382160-0600-000-00
160	170,00	0,15	96	0,14	0,03	2,55	3	03382160-0300-000-00

Ocono Ruhrkunststoff GmbH | Weseler Str. 35 | 45478 Mülheim an der Ruhr | Germany | T +49 208 99910 | rk@ocono.com

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
180	190,00	0,15	108	0,12	0,02	0,00	3	03382180-0300-000-00
180	190,00	0,15	108	0,12	0,02	0,00	6	03382180-0600-000-00
203	213,00	0,15	120	0,10	0,02	2,83	3	03382203-0300-000-00
203	213,00	0,15	120	0,10	0,02	5,66	6	03382203-0600-000-00
228	238,00	0,15	135	0,08	0,01	0,00	3	03382228-0300-000-00
228	238,00	0,15	135	0,08	0,01	0,00	6	03382228-0600-000-00
254	264,00	0,15	175	0,07	0,01	3,53	3	03382254-0300-000-00
254	264,00	0,15	175	0,07	0,01	7,05	6	03382254-0600-000-00
305	315,00	0,15	210	0,05	0,01	4,22	3	03382305-0300-000-00
305	315,00	0,15	210	0,05	0,01	8,45	6	03382305-0600-000-00
356	366,00	0,15	245	0,04	0,01	0,00	3	03382356-0300-000-00
356	366,00	0,15	245	0,04	0,01	0,00	6	03382356-0600-000-00
407	417,00	0,15	280	0,03	0,01	14,93	3	03382407-0300-000-00
407	417,00	0,15	280	0,03	0,01	29,86	6	03382407-0600-000-00
457	467,00	0,15	360	0,04	0,01	0,00	3	03382457-0300-000-00
457	467,00	0,15	360	0,04	0,01	0,00	6	03382457-0600-000-00
508	518,00	0,15	400	0,04	0,01	18,61	3	03382508-0300-000-00
508	518,00	0,15	400	0,04	0,01	37,22	6	03382508-0600-000-00

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