Ocono
Ruhrkunststoff

FLEXADUX® P 2 PU PAS Food



Very light weight and highly flexible spiral hose made of Polyurethane, antistatic and food grade

Applications food production & -conveying, pharmaceutical production, textile fiber extraction, extraction systems, extractions arms

Structure Polyether-Polyurethane, transparent, steel wire / stainless steel wire

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

Properties excellent flexibility, compressible, good abrasion resistance, permanently antistatic (R < 10^9 Ohm), hydrolysis & microbe resistant

Norms certified according to Food EU Directive (EC) No. 1935/2004 & Regulation (EC) No. 10/2011 for E | TRBS 2153, TRGS 727, ATEX 2014/34/EU / pneumatic transport of combustible dusts (inside: zone 20, 21, 22), ATEX 2014/34/EU / use in zones 1 & 2, ATEX 2014/34/EU / use in zone 0, ATEX 2014/34/EU / aspiration (no zone or inside: zone 22) | FDA standard 21 CFR 177.2600 & 178.2010 | manufacturing process according to GMP EC 2023/2006





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	29,00	0,40	15	0,65	0,30	1,42	10	20500025-1000-000-00
25	29,00	0,40	15	0,65	0,30	2,12	15	20500025-1500-000-00
32	36,00	0,40	20	0,60	0,30	0,00	10	20500032-1000-000-00
32	36,00	0,40	20	0,60	0,30	0,00	15	20500032-1500-000-00
38	42,00	0,40	22	0,50	0,25	2,08	10	20500038-1000-000-00
38	42,00	0,40	22	0,50	0,25	3,12	15	20500038-1500-000-00
40	44,00	0,40	24	0,50	0,25	2,09	10	20500040-1000-000-00
40	44,00	0,40	24	0,50	0,25	3,13	15	20500040-1500-000-00
51	55,00	0,40	31	0,45	0,20	2,61	10	20500051-1000-000-00
51	55,00	0,40	31	0,45	0,20	3,92	15	20500051-1500-000-00
60	64,00	0,40	36	0,40	0,16	3,04	10	20500060-1000-000-00
60	64,00	0,40	36	0,40	0,16	4,56	15	20500060-1500-000-00
65	69,00	0,40	38	0,38	0,15	3,28	10	20500065-1000-000-00
65	69,00	0,40	38	0,38	0,15	4,92	15	20500065-1500-000-00
76	80,00	0,40	45	0,30	0,12	3,85	10	20500076-1000-000-00
76	80,00	0,40	45	0,30	0,12	5,78	15	20500076-1500-000-00
80	84,00	0,40	48	0,28	0,10	3,99	10	20500080-1000-000-00
80	84,00	0,40	48	0,28	0,10	5,99	15	20500080-1500-000-00
102	107,00	0,40	60	0,20	0,09	5,04	10	20500102-1000-000-00
102	107,00	0,40	60	0,20	0,09	7,57	15	20500102-1500-000-00
120	125,00	0,40	72	0,20	0,08	6,90	10	20500120-1000-000-00
120	125,00	0,40	72	0,20	0,08	10,36	15	20500120-1500-000-00

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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: 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
127	132,00	0,40	75	0,18	0,07	6,24	10	20500127-1000-000-00
127	132,00	0,40	75	0,18	0,07	9,36	15	20500127-1500-000-00
152	157,00	0,40	92	0,09	0,06	7,44	10	20500152-1000-000-00
152	157,00	0,40	92	0,09	0,06	11,15	15	20500152-1500-000-00
160	165,00	0,40	96	0,09	0,06	7,82	10	20500160-1000-000-00
180	185,00	0,40	108	0,09	0,06	8,77	10	20500180-1000-000-00
180	185,00	0,40	108	0,09	0,06	13,16	15	20500180-1500-000-00
203	209,00	0,40	123	0,07	0,05	0,00	10	20500203-1000-000-00
203	209,00	0,40	123	0,07	0,05	0,00	15	20500203-1500-000-00
250	256,00	0,40	150	0,05	0,04	13,06	10	20500250-1000-000-00
254	260,00	0,40	155	0,05	0,04	13,27	10	20500254-1000-000-00

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