SMOOTHFLEXX PU FOOD X-TRA MHR

Food-grade polyether-polyurethane tubing, reinforced with an impact-resistant rigid PVC spiral



Applications	conveying technology, beverage production & conveying, medical devices, pharmaceutical production, packaging machines
Structure	Polyether-Polyurethane, transparent, plastic spiral / rigid PVC
Temperature	-40°C up to 80°C
Properties	hydrolysis & microbe resistant, good flexibility, very good abrasion resistance, smooth inside, corrugated outside, good chemical resistance
Norms	certified according to Food EU Directive (EC) No. 1935/2004 & Regulation (EC) No. 10/2011 for A, B, C, D1, D2, E





made in Germany

Inner Diameter (mm)	Wall Thickness (mm)	Bending Radius (mm)	Max. Operating Pressure (bar)	Vacuum Max. (bar)	Weight (kg/m)	Article Number
20	0,80	70	2,00	0,35	0,18000	9-2200-020-10/998
25	0,80	88	2,00	0,35	0,23000	9-2200-025-10/998
30	0,80	105	2,00	0,35	0,35000	9-2200-030-10/998
32	0,80	112	2,00	0,30	0,38000	9-2200-032-10/998
38	0,80	133	2,00	0,30	0,34300	9-2200-038-10/998
40	0,90	140	2,00	0,30	0,39000	9-2200-040-10/998
45	0,90	158	2,00	0,30	0,41000	9-2200-045-10/998
51	1,00	179	1,50	0,25	0,50400	9-2200-051-10/998
60	1,00	210	1,50	0,25	0,45000	9-2200-060-10/998
63	1,00	221	1,50	0,25	0,63000	9-2200-063-10/998
65	1,00	228	1,50	0,25	0,73000	9-2200-065-10/998
70	1,00	245	1,50	0,25	0,74000	9-2200-070-10/998
76	1,00	266	1,50	0,25	0,74200	9-2200-076-10/998
80	1,00	280	1,50	0,25	0,89000	9-2200-080-10/998
90	1,00	315	1,50	0,23	1,03000	9-2200-090-10/998
102	1,00	357	1,30	0,22	0,99300	9-2200-102-10/998
110	1,00	385	1,30	0,21	1,16000	9-2200-110-10/998
120	1,00	420	1,30	0,20	1,32000	9-2200-120-10/998
127	1,00	445	1,30	0,20	1,23600	9-2200-127-10/998
140	1,00	490	1,00	0,18	1,74000	9-2200-140-10/998
152	1,00	532	1,00	0,16	1,47900	9-2200-152-10/998
160	1,00	560	0,90	0,16	2,53000	9-2200-160-10/998

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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)	Wall Thickness (mm)	Bending Radius (mm)	Max. Operating Pressure (bar)	Vacuum Max. (bar)	Weight (kg/m)	Article Number
180	1,00	630	0,80	0,12	3,39000	9-2200-180-10/998
203	1,20	711	0,70	0,10	1,97500	9-2200-203-10/998
250	1,20	875	0,50	0,10	3,81000	9-2200-250-10/998

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