SMOOTHFLEXX PU FDA X-TRA ANT MHR

Inner smooth and flexible tube made of food-grade TPU ether (FDA), transparent, with an impact-resistant hard PVC spiral and a copper wire for earthing



Applications pharmaceutical production, dosing, food production & -conveying, medical devices, agriculture

Structure Polyether-Polyurethane, uncolored, transparent, plastic spiral / rigid PVC, coated strand / copper strand

Temperature -30°C up to 80°C

Properties hydrolysis & microbe resistant rot proof weather proof, good flexibility, good abrasion resistance, corrugated outside, smooth inside, good tensile strength ultimate elongation

Norms FDA standard 21 CFR 177.2600 & 178.2010





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	9-4300-020-10/998
25	0,80	88	2,00	0,35	0,23000	9-4300-025-10/998
30	0,80	105	2,00	0,35	0,35000	9-4300-030-10/998
32	0,80	112	2,00	0,30	0,38000	9-4300-032-10/998
38	0,80	133	2,00	0,30	0,38400	9-4300-038-10/998
40	0,90	140	2,00	0,30	0,40300	9-4300-040-10/998
45	0,90	158	2,00	0,30	0,41000	9-4300-045-10/998
51	1,00	179	1,50	0,25	0,55600	9-4300-051-10/998
60	1,00	210	1,50	0,25	0,45000	9-4300-060-10/998
63	1,00	221	1,50	0,25	0,69400	9-4300-063-10/998
65	1,00	228	1,50	0,25	0,73000	9-4300-065-10/998
70	1,00	245	1,50	0,25	0,74000	9-4300-070-10/998
76	1,00	266	1,50	0,25	0,81800	9-4300-076-10/998
80	1,00	280	1,50	0,25	0,84600	9-4300-080-10/998
90	1,00	315	1,50	0,23	0,96500	9-4300-090-10/998
102	1,00	357	1,30	0,22	1,06500	9-4300-102-10/998
110	1,00	385	1,30	0,21	1,16000	9-4300-110-10/998
120	1,00	420	1,30	0,20	1,32000	9-4300-120-10/998
127	1,00	445	1,30	0,20	1,45400	9-4300-127-10/998
140	1,00	490	1,00	0,18	1,74000	9-4300-140-10/998
152	1,00	532	1,00	0,16	2,24200	9-4300-152-10/998
160	1,00	560	0,90	0,16	2,53000	9-4300-160-10/998

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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	9-4300-180-10/998
203	1,20	711	0,70	0,10	3,57000	9-4300-203-10/998
250	1,20	875	0,50	0,10	3,81000	9-4300-250-10/998

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