SMOOTHFLEXX PU MHR X-TRA AS

Polyether-polyurethane hose, reinforced with an impact-resistant rigid PVC spiral



Applications extraction systems, agriculture, blowing in insulation material, conveying technology, municipal services

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

Temperature -40°C up to 80°C

Properties hydrolysis & microbe resistant, rot proof, weather proof, good abrasion resistance, good flexibility, permanently antistatic, corrugated outside smooth inside





made in Germany

Inner Diameter (mm)	Wall Thickness (mm)	Bending Radius (mm)	Max. Operating Pressure (bar)	Vacuum Max. (bar)	Weight (kg/m)	Length (m)	Article Number
20	0,80	70	2,00	0,35	0,18000	20	ND33502000N
25	0,80	88	2,00	0,35	0,23000	20	ND33502500N
30	0,80	105	2,00	0,35	0,35000	20	ND33503000N
32	0,80	112	2,00	0,30	0,38000	20	ND33503200N
38	0,80	133	2,00	0,30	0,39000	20	ND33503800N
40	0,90	140	2,00	0,30	0,39000	20	ND33504000N
45	0,90	158	2,00	0,30	0,41000	20	ND33504500N
51	1,00	179	1,50	0,25	0,44000	20	ND33505100N
60	1,00	210	1,50	0,25	0,45000	20	ND33506000N
63	1,00	221	1,50	0,25	0,63000	20	ND33506300N
65	1,00	228	1,50	0,25	0,73000	20	ND33506500N
70	1,00	245	1,50	0,25	0,74000	20	ND33507000N
76	1,00	266	1,50	0,25	0,74200	20	ND33507600N
80	1,00	280	1,50	0,25	0,89000	20	ND33508000N
90	1,00	315	1,50	0,23	1,03000	20	ND33509000N
102	1,00	357	1,30	0,22	1,09000	20	ND33510200N
110	1,00	385	1,30	0,21	1,16000	20	ND33511000N
120	1,00	420	1,30	0,20	1,32000	20	ND33512000N
127	1,00	445	1,30	0,20	1,38000	20	ND33512700N
140	1,00	490	1,00	0,18	1,74000	20	ND33514000N
152	1,00	532	1,00	0,16	2,39000	10	ND33515200K
160	1,00	560	0,90	0,16	2,53000	10	ND33516000K

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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: 23.11.2026

Inner Diameter (mm)	Wall Thickness (mm)	Bending Radius (mm)	Max. Operating Pressure (bar)	Vacuum Max. (bar)	Weight (kg/m)	Length (m)	Article Number
203	1,20	711	0,70	0,10	3,57000	10	ND33520300K
250	1,20	875	0,50	0,10	3,81000	10	ND33525000K

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