SMOOTHFLEXX PU MHR X-TRA

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

Applications extraction systems, dosing, blowing in insulation material, conveying technology, powder conveying & -coating

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

Temperature -40°C up to 80°C

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







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	ND35502000N
25	0,80	88	2,00	0,35	0,23000	20	ND35502500N
30	0,80	105	2,00	0,35	0,35000	20	ND35503000N
32	0,80	112	2,00	0,30	0,38000	20	ND35503200N
38	0,80	133	2,00	0,30	0,39000	20	ND35503800N
40	0,90	140	2,00	0,30	0,39000	20	ND35504000N
45	0,90	158	2,00	0,30	0,41000	20	ND35504500N
51	1,00	179	1,50	0,25	0,44000	20	ND35505100N
60	1,00	210	1,50	0,25	0,45000	20	ND35506000N
63	1,00	221	1,50	0,25	0,54000	20	ND35506300N
65	1,00	228	1,50	0,25	0,73000	20	ND35506500N
70	1,00	245	1,50	0,25	0,74000	20	ND35507000N
76	1,00	266	1,50	0,25	0,74100	20	ND35507600N
80	1,00	280	1,50	0,25	0,89000	20	ND35508000N
90	1,00	315	1,50	0,23	1,03000	20	ND35509000N
102	1,00	357	1,30	0,22	1,09000	20	ND35510200N
110	1,00	385	1,30	0,21	1,16000	20	ND35511000N
120	1,00	420	1,30	0,20	1,32000	20	ND35512000N
127	1,00	445	1,30	0,20	1,38000	20	ND35512700N
140	1,00	490	1,00	0,18	1,74000	20	ND35514000N
152	1,00	532	1,00	0,16	2,39000	10	ND35515200K
160	1,00	560	0,90	0,16	2,53000	10	ND35516000K

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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)	Length (m)	Article Number
203	1,20	711	0,70	0,10	3,15000	10	ND35520300K
250	1,20	875	0,50	0,10	3,81000	10	ND35525000K

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