SMOOTHFLEXX PU MHR

A lightweight, highly flexible polyether-polyurethane hose, reinforced with an impact-resistant rigid PVC spiral

Applications extraction systems, industrial vacuum cleaners, leaf extraction, powder conveying & -coating, blowing in insulation material

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

Temperature -40°C up to 80°C

Properties hydrolysis & microbe resistant, weather proof, rot proof, good flexibility, stretchy, compressible, very smooth inside, corrugated outside, good tensile strength, ultimate elongation







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	0,50	23	1,50	250,00	0,14000	20	ND35802000N
25	0,50	29	1,50	250,00	0,17000	20	ND35802500N
30	0,50	35	1,50	250,00	0,19500	20	ND35803000N
32	0,50	37	1,50	200,00	0,21000	20	ND35803200N
35	0,50	40	1,50	200,00	0,22000	20	ND35803500N
38	0,50	44	1,50	200,00	0,25000	20	ND35803800N
40	0,50	46	1,50	200,00	0,26000	20	ND35804000N
45	0,50	52	1,50	200,00	0,29300	20	ND35804500N
51	0,50	59	1,00	200,00	0,34500	20	ND35805100N
60	0,50	69	1,00	160,00	0,41000	20	ND35806000N
63	0,50	72	1,00	160,00	0,43000	20	ND35806300N
70	0,60	81	1,00	160,00	0,51400	20	ND35807000N
76	0,60	87	1,00	160,00	0,55000	20	ND35807600N
80	0,60	92	1,00	160,00	0,57500	20	ND35808000N
89	0,60	104	1,00	140,00	0,63600	20	ND35808900N
102	0,60	117	0,80	130,00	0,72100	20	ND35810200N
110	0,65	127	0,80	120,00	0,77800	20	ND35811000N
120	0,65	138	0,80	100,00	0,98500	20	ND35812000N
127	0,65	146	0,80	100,00	0,96000	20	ND35812700N
140	0,65	161	0,60	90,00	1,20500	20	ND35814000N
152	0,65	175	0,60	80,00	1,26300	20	ND35815200N
203	0,75	230	0,40	40,00	2,15000	10	ND35820300K

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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.
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