S 4 PUR MI

Light weight and flexible hose made of Polyurethane

Applications cleaning, industrial vacuum cleaners, engine construction, medical devices, cable protection

Structure Polyether-Polyurethane, black / jet black (similar RAL 9005), opaque, steel wire / spring steel wire / coated / PU

Temperature -40°C up to 90°C, short term up to 125°C

Properties light weight, good flexibility, good tensile strength, ultimate elongation, good abrasion resistance, free of halogen & softeners, phthalate-free







made in Germany

Inner Diameter (mm)	Outer Diameter (mm)	Wall Thickness (mm)	Bending Radius (mm)	Max. Operating Pressure (bar)	Vacuum Max. (bar)	Weight (kg/m)	Length (m)	Article Number
10	15,60	0,50	10	0,60	0,45	0,08400	10	ND41701050K
11	16,60	0,50	11	0,60	0,45	0,16900	10	ND41701150K
12	17,60	0,50	12	0,60	0,45	0,09800	10	ND41701250K
14	19,60	0,50	14	0,60	0,45	0,11200	10	ND41701450K
16	21,60	0,50	16	0,60	0,45	0,12600	10	ND41701650K
18	23,60	0,50	18	0,60	0,45	0,17200	10	ND41701850K
20	25,60	0,50	20	0,60	0,45	0,18800	10	ND41702050K
22	27,60	0,50	22	0,60	0,45	0,16950	10	ND41702250K
26	31,60	0,50	26	0,60	0,45	0,22350	10	ND41702650K
30	35,60	0,50	30	0,60	0,45	0,25700	10	ND41703050K
32	37,60	0,50	32	0,60	0,45	0,26800	10	ND41703250K
35	40,60	0,50	35	0,60	0,45	0,28100	10	ND41703550K
38	43,60	0,50	38	0,60	0,45	0,31100	10	ND41703850K
40	45,60	0,50	40	0,60	0,45	0,23800	10	ND41704050K
50	56,00	0,50	50	0,60	0,35	0,31900	10	ND41705050K
51	57,00	0,50	51	0,60	0,35	0,32600	10	ND41705150K
55	61,00	0,50	55	0,60	0,35	0,35200	10	ND41705550K
60	66,00	0,50	60	0,60	0,35	0,42900	10	ND41706050K
65	71,40	0,50	65	0,60	0,35	0,47400	10	ND41706550K
70	76,40	0,50	70	0,60	0,35	0,47400	10	ND41707050K
76	82,40	0,50	76	0,60	0,35	0,56400	10	ND41707650K
80	87,00	0,50	80	0,60	0,35	0,62400	10	ND41708050K

Ocono France SARL | 30 Chemin de Fortuneau | 26200 Montélimar | France | T +33 475 017575 | france@ocono.com

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Date: 23.11.2026

Inner Diameter (mm)	Outer Diameter (mm)	Wall Thickness (mm)	Bending Radius (mm)	Max. Operating Pressure (bar)	Vacuum Max. (bar)	Weight (kg/m)	Length (m)	Article Number
90	97,00	0,50	90	0,60	0,35	0,67500	10	ND41709050K
100	107,00	0,50	100	0,60	0,35	0,84400	10	ND41710050K
102	109,00	0,50	102	0,40	0,30	0,84400	10	ND41710250K
110	117,00	0,50	130	0,40	0,30	1,10000	10	ND41711050K
120	127,00	0,60	150	0,40	0,30	0,93900	10	ND41712050K
127	134,00	0,60	180	0,40	0,30	1,33500	10	ND41712750K
130	138,00	0,60	180	0,30	0,20	1,16000	10	ND41713050K
140	148,00	0,60	185	0,30	0,20	1,43800	10	ND41714050K
152	160,00	0,60	191	0,30	0,20	1,32300	10	ND41715250K
160	168,00	0,60	195	0,30	0,20	1,40800	10	ND41716050K
175	183,00	0,60	205	0,30	0,20	1,49400	10	ND41717550K
180	188,00	0,60	220	0,30	0,20	1,53600	10	ND41718050K
203	211,00	0,60	253	0,15	0,15	1,67800	10	ND41720350K

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