S 5 PUR SLX EL

Medium weight and flexible spiral hose made of Polyurethane, electrically conductive

Applications conveying technology, conveying of abrasive media, automotive engineering, vehicle construction, extraction systems

Structure Polyether-Polyurethane, black / jet black (similar RAL 9005), opaque, steel wire / spring steel wire / not coated / copper plated

Temperature -40°C up to 90°C

Properties good flexibility, electrically conductive (R ≤ 10^3 Ohm), very good abrasion resistance, good tensile strength, ultimate elongation, hydrolysis & microbe resistant

Norms TRBS 2153/TRGS 727, ATEX 2014/34/EU / aspiration (no zone or inside: zone 22), ATEX 2014/34/EU / pneumatic transport of combustible dusts (inside: zone 20, 21, 22)







made in Germany

Inner Diameter (mm)	Outer Diameter (mm)	Wall Thickness (mm)	Bending Radius (mm)	Max. Operating Pressure (bar)	Vacuum Max. (bar)	Total Weight per Piece (kg)	Length (m)	Article Number
40	45,00	0,70	40	1,15	0,30	3,42	10	ND56804000K
40	45,00	0,70	40	1,15	0,30	5,13	15	ND56804000M
51	57,00	0,70	51	1,00	0,25	5,89	15	ND56805100M
51	57,00	0,70	51	1,00	0,25	3,93	10	ND56805100K
60	66,00	0,70	60	1,00	0,25	4,60	10	ND56806000K
60	66,00	0,70	60	1,00	0,25	6,89	15	ND56806000M
65	71,00	0,70	65	1,00	0,23	4,97	10	ND56806500K
65	71,00	0,70	65	1,00	0,23	7,45	15	ND56806500M
76	82,00	0,70	76	0,80	0,20	5,78	10	ND56807600K
76	82,00	0,70	76	0,80	0,20	8,67	15	ND56807600M
80	86,00	0,70	80	0,80	0,20	6,08	10	ND56808000K
80	86,00	0,70	80	0,80	0,20	9,12	15	ND56808000M
102	108,00	0,70	102	0,60	0,18	7,71	10	ND56810200K
102	108,00	0,70	102	0,60	0,18	11,57	15	ND56810200M
127	133,00	0,70	127	0,50	0,15	0,00	10	ND56812700K
127	133,00	0,70	127	0,50	0,15	0,00	15	ND56812700M
140	146,00	0,70	140	0,40	0,13	0,00	10	ND56814000K
140	146,00	0,70	140	0,40	0,13	0,00	15	ND56814000M
152	158,00	0,70	152	0,40	0,10	11,30	10	ND56815200K
152	158,00	0,70	152	0,40	0,10	16,94	15	ND56815200M
160	166,00	0,70	160	0,35	0,08	10,60	10	ND56816000K
160	166,00	0,70	160	0,35	0,08	15,90	15	ND56816000M

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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)	Outer Diameter (mm)	Wall Thickness (mm)	Bending Radius (mm)	Max. Operating Pressure (bar)	Vacuum Max. (bar)	Total Weight per Piece (kg)	Length (m)	Article Number
180	187,00	0,70	180	0,30	0,07	15,96	10	ND56818000K
180	187,00	0,70	180	0,30	0,07	23,93	15	ND56818000M
203	210,00	0,70	203	0,25	0,05	0,00	10	ND56820300K
250	257,00	0,70	250	0,20	0,04	22,09	10	ND56825000K

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