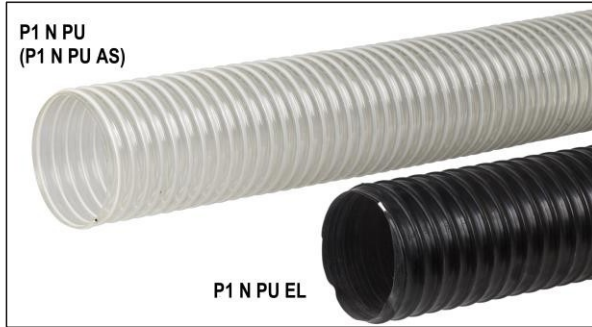


Abrasion-resistant hoses



P1 N PU / P1 N PU AS / P1 N PU EL

Lightweight, smooth interior hose for dust extraction and transfer, also in antistatic and conductive versions

Hose material: polyester - polyurethane (P1 N PU)
polyether polyurethane (P1 N PU AS and EL) transparent (P1 N PU and P1 N PU AS), black (P1 N PU EL);

Wall thickness: 0.5 mm (0.6 mm for diameters from 100 mm)

Reinforcement: steel spiral covered with white PVC

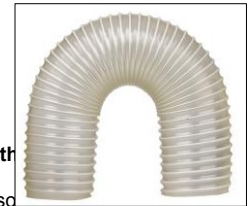
Operating temp: -40°C to +100°C

Lightweight, flexible hose with elegant white spiral for the extraction of dust, chips, fibres and light bulk materials in the paper, textile, woodworking industries. Flexible and supple, even at low temperatures. Smooth inside, compressible. Very dense steel spiral coated with white PVC provides high pressure performance, is corrosion resistant and has good adhesion to the hose material. Hose with good abrasion resistance, also resistant to oil and petrol. Hose wall thickness is measured between the helix. Mounted on couplings with bridge ties (right-handed). Other diameters may be available. Versions:

P1 N PU - standard version, in **polyester-polyurethane**, highly abrasion-resistant;

P1 N PU AS - antistatic version ($R \leq 10^{(8)} \Omega$), complies with TRBS 2153 and for extraction also with TRGS 727, made of **polyether polyurethane**, resistant to microbes and hydrolysis;

P1 N PU EL - electrically conductive version ($R \leq 10^{(4)} \Omega$), complies with ATEX 2014/34/EU, TRBS 2153 and, for extraction, also used in hazardous areas (after risk analysis), made of black **polyether polyurethane**.



index (P1 N PU)	index (P1 N PU AS)	index (P1 N PU EL)	diameter interior [mm]	pressure working 23°C [bar]	vacuum 23°C [bar]	radius bends [mm]	mass approximate [kg/m]	length standard [m]
\$	SC-P1NPUAS-013	\$	13	2	0,5	13	0,1	10
SC-P1NPU-015	SC-P1NPUAS-015	\$	15	1,96	0,5	15	0,11	10
SC-P1NPU-020	SC-P1NPUAS-020	\$	20	1,85	0,5	20	0,15	10
SC-P1NPU-025	SC-P1NPUAS-025	SC-P1NPUEL-025	25	1,65	0,45	25	0,18	10
SC-P1NPU-030	SC-P1NPUAS-030	SC-P1NPUEL-030	30	1,55	0,4	30	0,21	10
SC-P1NPU-035	SC-P1NPUAS-035	\$	35	1,48	0,36	35	0,25	10
SC-P1NPU-040	SC-P1NPUAS-040	SC-P1NPUEL-040	40	1,4	0,3	40	0,33	10
SC-P1NPU-045	SC-P1NPUAS-045	\$	45	1,35	0,29	45	0,38	10
SC-P1NPU-050	SC-P1NPUAS-050	SC-P1NPUEL-050	50	1,3	0,28	50	0,44	10
SC-P1NPU-055	SC-P1NPUAS-055	\$	55	1,2	0,26	55	0,5	10
SC-P1NPU-060	SC-P1NPUAS-060	SC-P1NPUEL-060	60	1,1	0,25	60	0,54	10
SC-P1NPU-065	SC-P1NPUAS-065	\$	65	0,95	0,23	65	0,58	10
SC-P1NPU-070	SC-P1NPUAS-070	SC-P1NPUEL-070	70	0,85	0,21	70	0,62	10
SC-P1NPU-075	SC-P1NPUAS-075	SC-P1NPUEL-075	75	0,8	0,2	75	0,66	10
SC-P1NPU-080	SC-P1NPUAS-080	SC-P1NPUEL-080	80	0,75	0,19	80	0,71	10
SC-P1NPU-090	SC-P1NPUAS-090	\$	90	0,7	0,16	90	0,78	10
SC-P1NPU-100	SC-P1NPUAS-100	SC-P1NPUEL-100	100	0,6	0,15	100	0,86	10
SC-P1NPU-105	SC-P1NPUAS-105	\$	105	0,55	0,15	105	0,92	10
SC-P1NPU-110	SC-P1NPUAS-110	\$	110	0,5	0,14	110	0,99	10
SC-P1NPU-115	SC-P1NPUAS-115	\$	115	0,47	0,14	115	1,03	10
SC-P1NPU-120	SC-P1NPUAS-120	SC-P1NPUEL-120	120	0,45	0,14	120	1,08	10
SC-P1NPU-125	SC-P1NPUAS-125	SC-P1NPUEL-125	125	0,4	0,12	125	1,1	10
SC-P1NPU-130	SC-P1NPUAS-130	\$	130	0,35	0,12	130	1,13	10
SC-P1NPU-140	SC-P1NPUAS-140	\$	140	0,3	0,12	140	1,17	10
SC-P1NPU-150	SC-P1NPUAS-150	SC-P1NPUEL-150	150	0,25	0,1	150	1,24	10
SC-P1NPU-160	SC-P1NPUAS-160	SC-P1NPUEL-160	160	0,22	0,1	160	1,35	10
SC-P1NPU-170	SC-P1NPUAS-170	\$	170	0,22	0,1	170	1,46	10
SC-P1NPU-175	SC-P1NPUAS-175	SC-P1NPUEL-175	175	0,22	0,1	175	1,57	10
SC-P1NPU-180	SC-P1NPUAS-180	\$	180	0,2	0,09	180	1,62	10
SC-P1NPU-200	SC-P1NPUAS-200	SC-P1NPUEL-200	200	0,2	0,09	200	1,8	10
SC-P1NPU-215	SC-P1NPUAS-215	\$	215	0,17	0,09	215	1,91	10
SC-P1NPU-225	SC-P1NPUAS-225	SC-P1NPUEL-225	225	0,16	0,08	225	2	10
SC-P1NPU-250	SC-P1NPUAS-250	SC-P1NPUEL-250	250	0,13	0,07	250	2,3	10
SC-P1NPU-275	SC-P1NPUAS-275	SC-P1NPUEL-275	275	0,12	0,06	275	2,55	10
SC-P1NPU-280	SC-P1NPUAS-280	\$	280	0,11	0,05	280	2,63	10
SC-P1NPU-300	SC-P1NPUAS-300	SC-P1NPUEL-300	300	0,11	0,05	300	2,81	10
SC-P1NPU-305	SC-P1NPUAS-305	\$	305	0,1	0,04	305	2,86	10
SC-P1NPU-310	SC-P1NPUAS-310	SC-P1NPUEL-310	310	0,1	0,04	310	2,9	10
\$	\$	SC-P1NPUEL-315	315	0,1	0,03	315	2,95	10
SC-P1NPU-325	SC-P1NPUAS-325	SC-P1NPUEL-325	325	0,09	0,03	325	3,04	10
SC-P1NPU-350	SC-P1NPUAS-350	SC-P1NPUEL-350	350	0,09	0,03	350	3,24	10
SC-P1NPU-375	SC-P1NPUAS-375	\$	375	0,08	0,02	375	3,46	10
SC-P1NPU-400	SC-P1NPUAS-400	SC-P1NPUEL-400	400	0,07	0,02	400	3,7	10

\$ - available on special request