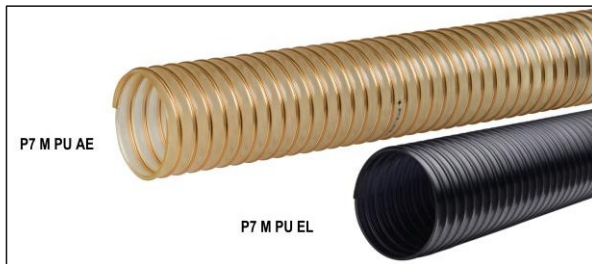


**Abrasion-resistant hoses**

**P7 M PU AE / P7 M PU EL**

**Robust, heavy-duty hose for extraction and transfer of granulates and bulk materials, also in conductive versions**

**Hose material:** polyether polyurethane 1.4 mm thick, transparent (black for P7 M PU EL)

**Reinforcement:** steel wire coil

**Operating temp:** -40°C to +100°C (temporarily up to +125°C)

Robust, thick, flexible hose designed for the extraction and transfer of granules and other bulk materials. Designed for use in many types of industry. Used for such applications as plastic granules, insulation materials, waste, sand and other building materials. Quite flexible, not very compressible, smooth inside, flexible also at low temperatures. With good abrasion resistance, resistant to microbes and hydrolysis. Non-toxic, free of halogen compounds and plasticisers. Oil and petrol resistant. Wall thickness is measured between the spiral. Mounted on connectors with bridge ties (right-handed). Other diameters may be available. In addition to the standard version P7 M PU AE, the hose is available in the electrically conductive version P7 M PU EL ( $R \leq 10^{(4)\Omega}$ ), which complies with ATEX 2014/34/EU, TRBS 2153 and, for extraction, also with TRGS 727, and can be used in explosive areas after a risk analysis.

Index (P7 M PU AE)	index (P7 M PU EL)	internal diameter [mm]	working pressure 23°C [bar]	vacuum 23°C [bar]	bend radius [mm]	approximate mass [kg/m]	standard length [m]
SC-P7MPUAE-020	\$	20	3	0,9	30	0,27	10
SC-P7MPUAE-022	\$	22	3	0,9	33	0,3	10
SC-P7MPUAE-025	SC-P7MPUEL-025	25	3	0,9	38	0,34	10
SC-P7MPUAE-030	SC-P7MPUEL-030	30	3	0,9	45	0,42	10
SC-P7MPUAE-032	\$	32	3	0,9	48	0,44	10
SC-P7MPUAE-035	\$	35	2,6	0,8	53	0,45	10
SC-P7MPUAE-038	\$	38	2,4	0,75	57	0,52	10
SC-P7MPUAE-040	SC-P7MPUEL-040	40	2,3	0,7	60	0,55	10
SC-P7MPUAE-045	\$	45	2,1	0,65	68	0,6	10
SC-P7MPUAE-050	SC-P7MPUEL-050	50	1,9	0,6	75	0,67	10
SC-P7MPUAE-055	\$	55	1,85	0,57	83	0,73	10
SC-P7MPUAE-060	SC-P7MPUEL-060	60	1,8	0,55	90	0,8	10
SC-P7MPUAE-065	\$	65	1,7	0,52	98	0,87	10
SC-P7MPUAE-070	SC-P7MPUEL-070	70	1,6	0,5	105	0,92	10
SC-P7MPUAE-075	SC-P7MPUEL-075	75	1,4	0,5	113	0,99	10
SC-P7MPUAE-080	SC-P7MPUEL-080	80	1,2	0,45	120	1,05	10
SC-P7MPUAE-090	\$	90	1,1	0,42	135	1,2	10
SC-P7MPUAE-100	SC-P7MPUEL-100	100	1,1	0,4	150	1,52	10
SC-P7MPUAE-102	\$	102	1,1	0,38	153	1,55	10
SC-P7MPUAE-105	\$	105	1	0,37	158	1,59	10
SC-P7MPUAE-110	\$	110	1	0,35	165	1,67	10
SC-P7MPUAE-115	\$	115	0,95	0,32	173	1,75	10
SC-P7MPUAE-120	SC-P7MPUEL-120	120	0,9	0,3	180	1,82	10
SC-P7MPUAE-125	SC-P7MPUEL-125	125	0,8	0,25	188	1,89	10
SC-P7MPUAE-135	\$	135	0,75	0,22	203	2,04	10
SC-P7MPUAE-140	\$	140	0,7	0,2	210	2,11	10
SC-P7MPUAE-150	SC-P7MPUEL-150	150	0,7	0,2	225	2,43	10
SC-P7MPUAE-155	\$	155	0,65	0,2	233	2,51	10
SC-P7MPUAE-160	SC-P7MPUEL-160	160	0,6	0,2	240	2,59	10
SC-P7MPUAE-170	\$	170	0,57	0,17	255	2,75	10
SC-P7MPUAE-175	SC-P7MPUEL-175	175	0,55	0,15	263	2,82	10
SC-P7MPUAE-180	\$	180	0,52	0,15	270	2,9	10
SC-P7MPUAE-200	SC-P7MPUEL-200	200	0,5	0,15	300	3,37	10
SC-P7MPUAE-215	\$	215	0,44	0,12	323	3,62	10
SC-P7MPUAE-220	\$	220	0,42	0,11	330	3,71	10
SC-P7MPUAE-225	SC-P7MPUEL-225	225	0,4	0,1	338	3,78	10
SC-P7MPUAE-250	SC-P7MPUEL-250	250	0,3	0,1	375	4,19	10
SC-P7MPUAE-260	\$	260	0,3	0,1	390	4,36	10
SC-P7MPUAE-275	SC-P7MPUEL-275	275	0,3	0,1	413	4,61	10
SC-P7MPUAE-280	\$	280	0,3	0,1	420	4,69	10
SC-P7MPUAE-300	SC-P7MPUEL-300	300	0,3	0,1	450	5,01	10
SC-P7MPUAE-305	\$	305	0,3	0,1	458	5,09	10
SC-P7MPUAE-315	\$	315	0,28	0,09	473	5,15	10
\$	SC-P7MPUEL-325	325	0,26	0,09	488	5,25	10
\$	SC-P7MPUEL-350	350	0,25	0,09	525	5,33	10
SC-P7MPUAE-355	\$	355	0,24	0,09	533	5,41	10
SC-P7MPUAE-375	\$	375	0,22	0,09	563	5,71	10
SC-P7MPUAE-400	SC-P7MPUEL-400	400	0,2	0,09	600	6,08	10

\$ - available on special request