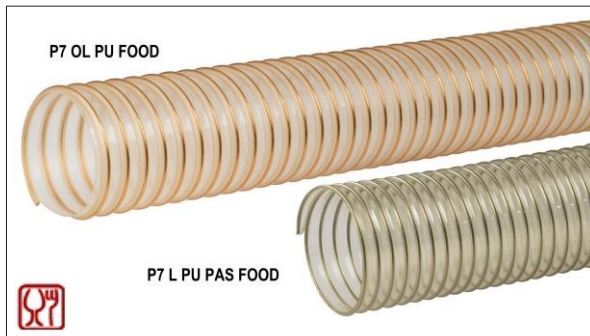


## Abrasion-resistant hoses



### P7 OL PU FOOD / P7 L PU PAS FOOD

**Medium-heavy hose for extraction and transfer of powders, grains, light granulates and other dry foodstuffs, also in antistatic version**

**Hose material:** polyether - polyurethane  
transparent, 0.7 mm thick

**Reinforcement:** steel wire spiral (P7 OL PU FOOD), P7 L PU PAS FOOD - stainless steel wire spiral 1.4310 (AISI 301)

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

A lightweight, flexible medium-duty hose designed for the extraction and transfer of powders, grains, light granulates and other bulk materials. Designed for use in the **food and pharmaceutical** industries. Used for e.g. milk powder, grain, rice, coffee, tea, flour (PAS version). Flexible, fairly compressible, almost 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. Hose wall thickness is measured between the spiral. Mounted on couplings with bridge ties (right-handed). Other diameters may be available on special request. The hose is available in the following versions:

P7 OL PU FOOD - steel wire spiral (copper plated);

P7 L PU PAS FOOD - stainless steel spiral, hose material **permanently antistatic** ( $R \leq 10^8 \Omega$ , in accordance with TRGS 727).



The P7 OL PU FOOD and P7 L PU PAS FOOD hoses comply with European requirements 1935/2004/EC and 10/2011/EU (simulant E), 2023/2006/EC (GMP) and US FDA 21 CFR 177.2600 and 178.2010. They are suitable for temporary food contact for the transfer of dry, free-flowing, non-fatty food substances - under the conditions specified in the manufacturer's declaration of conformity (available from Tubes International). For additional information on food and pharmaceutical applications, see the section "Hoses for food products".



index (P7 OL PU FOOD)	index (P7 L PU PAS FOOD)	internal diameter [mm]	working pressure* 23°C [bar]	vacuum* 23°C [bar]	bend radius [mm]	approximate mass* [kg/m]	standard length [m]
SC-P7-OLPUF-025	\$	25	1,5 / 1,4	0,43 / 0,4	25	0,28 / 0,22	10
SC-P7-OLPUF-030	SC-P7LPUPAS-030	30	1,39 / 1,3	0,32 / 0,35	30	0,33 / 0,25	10
SC-P7-OLPUF-035	\$	35	1,3 / 1,22	0,32 / 0,32	35	0,38 / 0,29	10
SC-P7-OLPUF-040	SC-P7LPUPAS-040	40	1,23 / 1,15	0,32 / 0,3	40	0,43 / 0,33	10
\$	SC-P7LPUPAS-045	45	1,15 / 1,07	0,3 / 0,27	45	0,47 / 0,36	10
SC-P7-OLPUF-050	SC-P7LPUPAS-050	50	1,07 / 1	0,27 / 0,25	50	0,51 / 0,38	10
\$	SC-P7LPUPAS-055	55	1,07 / 1	0,27 / 0,25	55	0,55 / 0,42	10
SC-P7-OLPUF-060	SC-P7LPUPAS-060	60	1,07 / 1	0,27 / 0,25	60	0,6 / 0,45	10
SC-P7-OLPUF-065	SC-P7LPUPAS-065	65	1,07 / 0,9	0,24 / 0,22	65	0,64 / 0,49	10
SC-P7-OLPUF-070	SC-P7LPUPAS-070	70	1,07 / 0,9	0,22 / 0,2	70	0,69 / 0,53	10
SC-P7-OLPUF-075	SC-P7LPUPAS-075	75	1,07 / 0,9	0,22 / 0,2	75	0,74 / 0,57	10
SC-P7-OLPUF-080	SC-P7LPUPAS-080	80	0,86 / 0,8	0,21 / 0,19	80	0,79 / 0,6	10
SC-P7-OLPUF-090	SC-P7LPUPAS-090	90	0,86 / 0,8	0,19 / 0,19	90	0,88 / 0,68	10
SC-P7-OLPUF-100	SC-P7LPUPAS-100	100	0,64 / 0,6	0,19 / 0,18	100	1,04 / 0,76	10
\$	SC-P7LPUPAS-105	105	0,64 / 0,6	0,17 / 0,18	105	1,09 / 0,8	10
SC-P7-OLPUF-110	SC-P7LPUPAS-110	110	0,64 / 0,6	0,16 / 0,18	110	1,14 / 0,83	10
\$	SC-P7LPUPAS-115	115	0,59 / 0,55	0,16 / 0,16	115	1,15 / 0,88	10
SC-P7-OLPUF-120	SC-P7LPUPAS-120	120	0,54 / 0,5	0,16 / 0,15	120	1,16 / 0,95	10
SC-P7-OLPUF-125	SC-P7LPUPAS-125	125	0,43 / 0,5	0,11 / 0,15	125	1,2 / 0,99	10
SC-P7-OLPUF-140	\$	140	0,43 / 0,4	0,11 / 0,1	140	1,34 / 1,11	10
SC-P7-OLPUF-150	SC-P7LPUPAS-150	150	0,41 / 0,38	0,11 / 0,1	150	1,43 / 1,18	10
SC-P7-OLPUF-160	SC-P7LPUPAS-160	160	0,37 / 0,35	0,09 / 0,08	160	1,52 / 1,42	10
\$	SC-P7LPUPAS-170	170	0,34 / 0,32	0,08 / 0,08	170	1,6 / 1,5	10
\$	SC-P7LPUPAS-175	175	0,33 / 0,3	0,08 / 0,08	175	1,66 / 1,55	10
SC-P7-OLPUF-180	SC-P7LPUPAS-180	180	0,32 / 0,3	0,08 / 0,07	180	1,76 / 1,60	10
SC-P7-OLPUF-200	SC-P7LPUPAS-200	200	0,27 / 0,25	0,05 / 0,05	200	2 / 1,77	10
SC-P7-OLPUF-225	SC-P7LPUPAS-225	225	0,21 / 0,2	0,04 / 0,04	225	2,24 / 1,99	10
SC-P7-OLPUF-250	SC-P7LPUPAS-250	250	0,21 / 0,2	0,04 / 0,04	250	2,48 / 2,2	10
SC-P7-OLPUF-300	SC-P7LPUPAS-300	300	0,16 / 0,15	0,02 / 0,02	300	3,66 / 2,65	10
SC-P7-OLPUF-450	\$	450	0,07 / 0,07	0,01 / 0,01	450	5,43 / 5,43	10

\$ - available on special request; \* - data given for: P7 OL PU FOOD / P7 L PU PAS FOOD.