Chemically resistant hoses

P2 SP, P2 SP SE

Hose for extraction and transfer of chemical vapours and for work at elevated temperatures

Hose material: impregnated polyester fabric
black TPE (thermoplastic elastomer), 0.4 mm thick
Reinforcement: steel wire spiral
Operating temp: -40°C to +150°C

Lightweight, highly flexible and flexible hose for the discharge of chemically aggressive vapours and for use at elevated temperatures. Good temperature resistance, good resistance to acid and solvent vapours. Also resistant to UV radiation, ozone, hydrolysis and biological corrosion. Resistant to bending. Used for mechanical vapour extraction, air conditioning and ventilation in motor vehicles (buses, cars and caravans, leisure boats, etc.), air intakes for engines and compressors, in granulate and plastic dryers, film blowers, etc. Other diameters in the range 15 ÷ 800 mm available on special request. **The flame-retardant version P2 SP SE** complies with the requirements of DIN 4102 B1 for building materials.

Chemical **resistance check:** TPE **chemical** resistance table (pre-selection), confirmation of resistance and conditions of use by Tubes International.

index (standard)	index (SE version)	internal diameter [mm]	wire diameter [mm]	working pressure 23ºC [bar].	vacuum 23ºC [bar].	bend radius [mm]	mass [kg/m]	standard length [m]
SC-P2SP-015	$	15	1	0,5	0,3	15	0,06	10
SC-P2SP-018	$	18	1	0,45	0,25	18	0,07	10
SC-P2SP-020	$	20	1	0,45	0,25	20	0,08	10
SC-P2SP-025	SC-P2SPSE-025	25	1	0,45	0,2	25	0,09	10
SC-P2SP-030	SC-P2SPSE-030	30	1	0,4	0,2	30	0,14	10
SC-P2SP-032	$	32	1	0,4	0,18	32	0,146	10
SC-P2SP-035	SC-P2SPSE-035	35	1	0,4	0,16	35	0,15	10
SC-P2SP-038	$	38	1	0,4	0,15	38	0,155	10
SC-P2SP-040	SC-P2SPSE-040	40	1	0,35	0,15	40	0,16	10
SC-P2SP-041	$	41	1	0,35	0,15	41	0,165	10
SC-P2SP-045	SC-P2SPSE-045	45	1	0,35	0,12	45	0,18	10
SC-P2SP-050	SC-P2SPSE-050	50	1,2	0,35	0,1	50	0,21	10
SC-P2SP-055	SC-P2SPSE-055	55	1,2	0,35	0,09	55	0,23	10
SC-P2SP-060	SC-P2SPSE-060	60	1,2	0,35	0,08	60	0,25	10
SC-P2SP-065	SC-P2SPSE-065	65	1,2	0,3	0,08	65	0,27	10
SC-P2SP-067	$	67	1,2	0,3	0,08	67	0,28	10
SC-P2SP-070	SC-P2SPSE-070	70	1,2	0,3	0,08	70	0,29	10
SC-P2SP-075	SC-P2SPSE-075	75	1,2	0,2	0,07	75	0,31	10
SC-P2SP-080	SC-P2SPSE-080	80	1,2	0,2	0,06	80	0,33	10
SC-P2SP-085	$	85	1,2	0,18	0,06	85	0,36	10
SC-P2SP-090	SC-P2SPSE-090	90	1,2	0,17	0,05	90	0,38	10
SC-P2SP-100	SC-P2SPSE-100	100	1,6	0,15	0,05	100	0,56	10
SC-P2SP-110	SC-P2SPSE-110	110	1,6	0,15	0,04	110	0,59	10
SC-P2SP-115	SC-P2SPSE-115	115	1,6	0,15	0,04	115	0,61	10
SC-P2SP-120	SC-P2SPSE-120	120	1,6	0,15	0,04	120	0,67	10
SC-P2SP-125	SC-P2SPSE-125	125	1,6	0,13	0,04	125	0,7	10
SC-P2SP-130	SC-P2SPSE-130	130	1,6	0,12	0,04	130	0,71	10
SC-P2SP-140	SC-P2SPSE-140	140	1,6	0,12	0,04	140	0,73	10
SC-P2SP-150	SC-P2SPSE-150	150	1,6	0,11	0,04	150	0,78	10
SC-P2SP-160	SC-P2SPSE-160	160	1,6	0,1	0,03	160	0,79	10
SC-P2SP-165	$	165	1,6	0,09	0,03	165	0,8	10
SC-P2SP-170	SC-P2SPSE-170	170	1,6	0,09	0,03	170	0,81	10
SC-P2SP-175	SC-P2SPSE-175	175	1,6	0,09	0,03	175	0,82	10
SC-P2SP-180	SC-P2SPSE-180	180	1,6	0,08	0,02	180	0,91	10
SC-P2SP-200	SC-P2SPSE-200	200	2	0,08	0,02	200	1,27	10

$ - available on special request