

Miscellaneous and special hoses - hot exhaust hoses



**P-G-EX 1**

**Hot exhaust gas hose**

**Hose material:** 0.4 mm thick polyester fabric, impregnated with black TPE (thermoplastic elastomer) coating

**Reinforcement:** right-hand nylon spiral with TPE sheath for abrasion protection

**Operating temp:** -40°C to +150°C (temporarily up to +170°C)

Lightweight, flexible hose designed for hot exhaust of petrol and diesel engines. Used as a workshop hose unwound on the floor suitable for reel systems, hose for suction ducts or on engine test benches. Kink-resistant thanks to reinforcement with a white, thick, round nylon spiral (PA), shielded on the outside with black TPE. Chemically resistant, especially to petrol and oil vapours, as well as ozone, hydrolysis, microbes and UV radiation. Free of halogens and plasticisers. **The P-G-EX 1 hose should be used in conjunction with a vacuum exhaust system, using a suitable connector between the hose and the engine exhaust outlet.** Other diameters in the range 40 ÷ 250 mm are available on special order. The hose should be mounted on the couplings with bridge ties (right-handed).



index	internal diameter [mm]	vacuum [bar]	bend radius [mm]	mass [kg/m]	standard length [m]
SC-PGEX1-040	40	0,65	80	0,25	2,5 - 5 - 7,5 - 10 - 15 - 20
SC-PGEX1-050	50	0,5	85	0,41	2,5 - 5 - 7,5 - 10 - 15 - 20
SC-PGEX1-051	51	0,5	86	0,42	2,5 - 5 - 7,5 - 10 - 15 - 20
SC-PGEX1-060	60	0,4	90	0,49	2,5 - 5 - 7,5 - 10 - 15 - 20
SC-PGEX1-065	65	0,35	100	0,53	2,5 - 5 - 7,5 - 10 - 15 - 20
SC-PGEX1-070	70	0,2	105	0,61	2,5 - 5 - 7,5 - 10 - 15 - 20
SC-PGEX1-075	75	0,15	105	0,69	2,5 - 5 - 7,5 - 10 - 15 - 20
SC-PGEX1-076	76	0,15	106	0,7	2,5 - 5 - 7,5 - 10 - 15 - 20
SC-PGEX1-080	80	0,12	160	0,74	2,5 - 5 - 7,5 - 10 - 15 - 20
SC-PGEX1-085	85	0,12	168	0,78	2,5 - 5 - 7,5 - 10 - 15 - 20
SC-PGEX1-090	90	0,12	175	0,83	2,5 - 5 - 7,5 - 10 - 15 - 20
SC-PGEX1-100	100	0,1	190	0,87	2,5 - 5 - 7,5 - 10 - 15 - 20
SC-PGEX1-102	102	0,1	194	0,9	2,5 - 5 - 7,5 - 10 - 15 - 20
SC-PGEX1-110	110	0,09	220	1,0	2,5 - 5 - 7,5 - 10 - 15 - 20
SC-PGEX1-120	120	0,08	240	1,14	2,5 - 5 - 7,5 - 10 - 15 - 20
SC-PGEX1-125	125	0,08	250	1,2	2,5 - 5 - 7,5 - 10 - 15 - 20
SC-PGEX1-127	127	0,08	254	1,25	2,5 - 5 - 7,5 - 10 - 15 - 20
SC-PGEX1-140	140	0,06	280	1,34	2,5 - 5 - 7,5 - 10 - 15 - 20
SC-PGEX1-150	150	0,06	300	1,44	2,5 - 5 - 7,5 - 10 - 15 - 20
SC-PGEX1-152	152	0,06	304	1,46	2,5 - 5 - 7,5 - 10 - 15 - 20
SC-PGEX1-160	160	0,05	320	1,52	2,5 - 5 - 7,5 - 10 - 15 - 20
SC-PGEX1-180	180	0,04	360	1,67	2,5 - 5 - 7,5 - 10 - 15 - 20
SC-PGEX1-200	200	0,04	400	1,83	2,5 - 5 - 7,5 - 10 - 15 - 20
SC-PGEX1-203	203	0,04	406	1,87	2,5 - 5 - 7,5 - 10 - 15 - 20
SC-PGEX1-250	250	0,02	500	2,29	2,5 - 5 - 7,5 - 10 - 15 - 20

**NEVER RIDE THE HOSES, BUT...**



... the P-G-EX 1 hose is resistant to accidental vehicle impact, thanks to its thick, kink-resistant polyamide (nylon) spiral. When crushed, the hose returns to its shape and can continue to be used in most cases.

The minimum bend radius of the P-G-EX 1 hose is less than or equal to twice the internal diameter, ensuring optimum flexibility while maintaining unimpeded exhaust flow.