

Heat-resistant hoses

GRIPFLEX 400

Suction hose for the extraction of gases, fumes, vapours and high-temperature air up to 400°C

Hose material: impregnated glass fabric with stainless steel fibres, exterior grey

Reinforcement: type CLIP - external wire spiral and galvanised sheet steel, left-hand (optional stainless steel)

Operating temp: -50°C to +400°C

Lightweight, flexible and flexible, temperature-resistant suction hose designed for high-temperature gases, vapours, fumes and air. Flame-retardant, to some extent resistant to hot sparks. Mainly used in the metallurgical, foundry, ceramic and glass industries, at furnaces, engines and as a heat shield. Characterised by high compressibility - up to 1:6, strong construction due to glass fabric reinforced with stainless steel threads, injury resistance due to external spiral. Used exclusively as a negative-pressure suction hose due to the possibility of gas permeation to the outside at positive pressure (outgassing). Also available with stainless steel spiral (from 80 mm diameter). Hose assembly on couplings with bridge ties (left-handed).

index	internal diameter [mm]	working pressure 23°C [bar].	vacuum 23°C [bar].	bend radius [mm]	approximate mass [kg/m]	standard length [m]
TS-GRIP400-050	50	do not use for hypertension	0,32	30	0,4	2÷ 10
TS-GRIP400-060	60		0,22	36	0,5	2÷ 10
TS-GRIP400-065	65		0,19	39	0,5	2÷ 10
TS-GRIP400-070	70		0,16	42	0,5	2÷ 10
TS-GRIP400-075	75		0,14	45	0,6	2÷ 10
TS-GRIP400-080	80		0,125	48	0,6	2÷ 10
TS-GRIP400-090	90		0,1	54	0,6	2÷ 10
TS-GRIP400-100	100		0,08	60	0,6	2÷ 10
TS-GRIP400-110	110		0,066	66	0,7	2÷ 10
TS-GRIP400-120	120		0,056	72	0,7	2÷ 10
TS-GRIP400-125	125		0,05	75	0,8	2÷ 10
TS-GRIP400-130	130		0,047	78	0,8	2÷ 10
TS-GRIP400-140	140		0,041	84	0,8	2÷ 10
TS-GRIP400-150	150		0,036	90	0,9	2÷ 10
TS-GRIP400-160	160		0,031	96	0,9	2÷ 10
TS-GRIP400-170	170		0,028	102	0,9	2÷ 10
TS-GRIP400-175	175		0,026	105	1	2÷ 10
TS-GRIP400-180	180		0,025	108	1	2÷ 10
TS-GRIP400-200	200		0,02	120	1,2	2÷ 10
TS-GRIP400-215	215		0,018	129	1,3	2÷ 10
TS-GRIP400-225	225		0,016	135	1,4	2÷ 10
TS-GRIP400-250	250		0,013	175	1,6	2÷ 10
TS-GRIP400-275	275		0,011	193	1,9	2÷ 10
TS-GRIP400-300	300		0,009	210	2,1	2÷ 10
TS-GRIP400-315	315		0,008	221	2,1	2÷ 10
TS-GRIP400-325	325		0,008	228	2,2	2÷ 10
TS-GRIP400-350	350		0,007	245	2,5	2÷ 10
TS-GRIP400-375	375		0,006	263	2,9	2÷ 10
TS-GRIP400-400	400		0,005	280	3,1	2÷ 10
TS-GRIP400-450	450		0,004	360	3,6	2÷ 10
TS-GRIP400-500	500	0,003	400	4,1	2÷ 10	
TS-GRIP400-600	600	0,002	480	5,1	2÷ 10	
TS-GRIP400-700	700	0,002	560	6	2÷ 10	
TS-GRIP400-800	800	0,001	640	6,9	2÷ 10	
TS-GRIP400-900	900	0,001	720	7,8	2÷ 10	