

**Heat-resistant hoses**

**GRIPFLEX 650**

**Suction hose for the extraction of gases, fumes, vapours and high-temperature air up to 650°C**

**Hose material:** 2 layers of impregnated glass fabric with stainless steel fibres, grey

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

**Operating temp:** -50°C to +650°C

Fairly lightweight, flexible and flexible, temperature-resistant double-layered suction hose for high-temperature fumes, vapours and air. Flame retardant and to some extent resistant to hot sparks. Used on furnaces and engines for the extraction of high-temperature gases, in metallurgy, ceramics, shipbuilding, aerospace, automotive and military equipment. 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-GRIP650-060	60	do not use for hypertension	0,32	36	1,35	2 ÷ 10
TS-GRIP650-065	65		0,3	39	1,45	2 ÷ 10
TS-GRIP650-070	70		0,27	42	1,5	2 ÷ 10
TS-GRIP650-075	75		0,26	45	1,65	2 ÷ 10
TS-GRIP650-080	80		0,23	48	1,8	2 ÷ 10
TS-GRIP650-090	90		0,21	54	1,8	2 ÷ 10
TS-GRIP650-100	100		0,17	60	1,8	2 ÷ 10
TS-GRIP650-110	110		0,14	66	1,9	2 ÷ 10
TS-GRIP650-120	120		0,12	72	2	2 ÷ 10
TS-GRIP650-125	125		0,11	75	2,1	2 ÷ 10
TS-GRIP650-130	130		0,1	78	2,1	2 ÷ 10
TS-GRIP650-140	140		0,09	84	2,1	2 ÷ 10
TS-GRIP650-150	150		0,08	90	2,2	2 ÷ 10
TS-GRIP650-160	160		0,07	96	2,4	2 ÷ 10
TS-GRIP650-170	170		0,06	102	2,5	2 ÷ 10
TS-GRIP650-175	175		0,06	105	2,8	2 ÷ 10
TS-GRIP650-180	180		0,05	108	2,8	2 ÷ 10
TS-GRIP650-200	200		0,04	120	3	2 ÷ 10
TS-GRIP650-215	215		0,04	129	3,2	2 ÷ 10
TS-GRIP650-225	225		0,04	135	3,4	2 ÷ 10
TS-GRIP650-250	250		0,03	175	3,55	2 ÷ 10
TS-GRIP650-275	275		0,02	193	4,2	2 ÷ 10
TS-GRIP650-300	300		0,02	210	4,4	2 ÷ 10
TS-GRIP650-315	315		0,02	221	4,5	2 ÷ 10
TS-GRIP650-325	325		0,02	228	4,7	2 ÷ 10
TS-GRIP650-350	350		0,015	245	5	2 ÷ 10
TS-GRIP650-375	375		0,01	263	5,5	2 ÷ 10
TS-GRIP650-400	400		0,01	280	5,9	2 ÷ 10
TS-GRIP650-450	450		0,009	360	6,7	2 ÷ 6
TS-GRIP650-500	500		0,007	400	7,4	2 ÷ 6
TS-GRIP650-600	600	0,005	480	9	2 ÷ 6	
TS-GRIP650-700	700	0,004	560	10,1	2 ÷ 3	
TS-GRIP650-800	800	0,003	640	11,6	2 ÷ 3	
TS-GRIP650-900	900	0,003	720	13,2	2 ÷ 3	