

TFC 400



MATERIAL

PU coated high temperature fabric, external galvanized steel helix

APPLICATION

Flue gas extraction, heat protection, furnace, iron and steel industry

PROPERTIES

Hardly flammable according to SOLAS. High vacuum resistance by stainless steel. High tensile strenght. Protected by outer helix. Very flexible and highly compressible up to 1:6

TEMPERATURE RANGE

-60 °C up to +400 °C, interm. up to +450 °C

DELIVERY FORMS

Ø 40 up to 900 mm. Colour: outside grey. Length: 2 m up to 10 m, max. 15 m

ON REQUEST

Short lengths. Stainless steel outer helix quality. Custom made: for example with cuffs or other connecting parts

				
Inner diameter (mm)	Weight (Kg/m)	Bending radius (mm)	Working pressure (bar)	Vacuum (bar)
50	0,500	30	0,850	0,352
60	0,600	36	0,680	0,292
65	0,700	39	0,590	0,245
70	0,700	42	0,530	0,209
75	0,800	45	0,470	0,176
80	0,800	48	0,430	0,154
90	0,800	54	0,355	0,138
100	0,800	60	0,300	0,110
110	0,900	66	0,258	0,088
120	0,900	72	0,224	0,073
125	1,000	75	0,210	0,062





TUBIFLESSIBILI

				
Inner diameter (mm)	Weight Kg/m	Bending radius (mm)	Working pressure (bar)	Vacuum (bar)
130	1,000	78	0,197	0,055
140	1,000	84	0,175	0,052
150	1,100	90	0,157	0,046
160	1,100	96	0,140	0,040
170	1,100	102	0,128	0,035
175	1,300	105	0,123	0,031
180	1,300	108	0,117	0,029
200	1,500	120	0,099	0,027
215	1,600	129	0,088	0,022
225	1,800	135	0,082	0,020
250	2,000	175	0,069	0,018
275	2,400	193	0,059	0,015
300	2,600	210	0,052	0,012
315	2,600	221	0,048	0,010
325	2,800	228	0,046	0,009
350	3,100	245	0,040	0,008
375	3,600	263	0,036	0,007
400	3,900	280	0,033	0,006
450	4,500	360	0,027	0,005
500	5,100	400	0,023	0,004
600	6,400	480	0,017	0,003
700	7,500	560	0,014	0,002

