TUBIFLESSIBILI

TFC PTFE HYPALON®

MATERIAL
Hypalon® coated polyester fabric outer ply, Teflon® film inner ply, external galvanized steel helix

APPLICATION
Extraction of corrosive media, extraction of solvents and paint mist, paint, wood and paper industries, pharmaceutical and chemical industries

PROPERTIES
Good resistance against chemicals, hardly inflammable, PTFE is safe for health and non stick surface, very good UV, Ozone and weather resistance, very flexible and compressible up to 1:6, vibration proof and high tensile strength, protected by outer helix

TEMPERATURE RANGE
-40 °C up to +175 °C, interm. up to 190 C

OTHER VERSION
TFC PTFE/HYPALON® EL electrically conductive, Ro≤104 Ω, inner ply black

DELIVERY FORMS
Ø 50 up to 900 mm. Colour: outside black, inside white. 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	0,900	0,440
60	0,600	36	0,780	0,306
65	0,700	39	0,680	0,261
70	0,700	42	0,670	0,225
75	0,800	45	0,620	0,196
80	0,800	48	0,610	0,172
90	0,900	54	0,560	0,136

Tubi Flessibili S.r.l. - Tel: +39 0131238971 - Email: info@tubiflessibili.net

Inner diameter (mm)	Weight (Kg/m)	Bending radius (mm)	Working pressure (bar)	Vacuum (bar)
100	1,000	60	0,510	0,110
110	1,100	66	0,480	0,092
120	1,100	72	0,360	0,077
125	1,200	75	0,330	0,071
130	1,200	78	0,280	0,065
140	1,300	84	0,250	0,057
150	1,300	90	0,220	0,049
160	1,300	96	0,210	0,043
170	1,400	102	0,190	0,039
175	1,400	105	0,185	0,037
180	1,400	108	0,172	0,035
200	1,600	120	0,148	0,028
215	1,800	129	0,128	0,025
225	2,000	135	0,115	0,022
250	2,100	175	0,100	0,018
275	2,300	193	0,080	0,015
300	2,400	210	0,070	0,013
315	2,600	221	0,062	0,011
325	2,800	228	0,059	0,011
350	3,300	245	0,056	0,009
375	3,500	263	0,050	0,008
400	3,800	280	0,047	0,007
450	4,200	360	0,045	0,006
500	4,700	400	0,043	0,005
600	5,900	480	0,039	0,003
700	6,900	560	0,031	0,002
800	7,600	640	0,022	0,002
900	8,200	720	0,016	0,001

Tubi Flessibili S.r.l. - Tel: +39 0131238971 - Email: info@tubiflessibili.net