

## FLEX HOSE HT Teflon/Hypalon (CSM) 175

HOSES › Chemical hoses

Flexible hose produced by assembling two layers of technical fabric: external layer in polyester fabric coated with CSM, internal layer with black CONDUCTIVE PTFE film R=10<sup>4</sup> Ω, external galvanized steel spiral.

Exterior color BLACK.

Applications:

- Extraction of corrosive vapours
- Extraction of solvent and paint vapours
- Paint, wood and paper industry
- Pharmaceutical and chemical industry

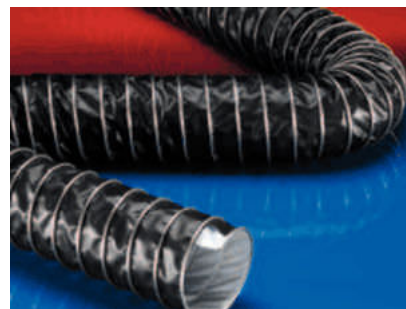
Operating temperature: -40°C +175°C, peaks of +190°C

Property:

- Good resistance to chemical agents
- Black substrate R=10<sup>4</sup> Ω
- Excellent resistance to UV rays and ozone
- Axial compressibility ratio 1:6
- Resistant to high load vibrations and tearing
- Protected by the external spiral **on request in stainless steel**

Diameters available from 2" (Ø 50mm) up to 40" (Ø 1016 mm)

Standard lengths: from 3 to 6 meters



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Dimensions	Pressure	Depression	Radius of curvature	Weight
Ø mm	bar	bar	mm	Kg/m
50	0.900	0.440	30	0.50
60	0.780	0.306	36	0.60
65	0.680	0.261	39	0.70
70	0.670	0.225	42	0.70
75	0.620	0.196	45	0.80
80	0.610	0.172	48	0.80
90	0.560	0.136	54	0.90
100	0.510	0.110	60	1.00
110	0.480	0.092	66	1.10

120	0.360	0.077	72	1.10
125	0.330	0.071	75	1.20
130	0.280	0.065	78	1.20
140	0.250	0.057	84	1.30
150	0.220	0.049	90	1.30
160	0.210	0.043	96	1.30
170	0.190	0.039	102	1.40
175	0.185	0.037	105	1.40
180	0.172	0.035	108	1.40
200	0.148	0.028	120	1.60
215	0.128	0.022	129	1.80
225	0.115	0.018	135	2.00
250	0.100	0.015	175	2.10
275	0.080	0.013	193	2.30
300	0.070	0.011	210	2.40
315	0.062	0.011	221	2.60
325	0.059	0.009	228	2.80
350	0.056	0.008	245	3.30
375	0.050	0.007	263	3.50
400	0.047	0.006	280	3.80
450	0.045	0.005	360	4.20
500	0.043	0.004	400	4.70
600	0.039	0.003	480	5.90
700	0.031	0.002	560	6.90
800	0.022	0.002	640	7.60
900	0.016	0.001	720	8.20