

HT Hypalon 175 FLEX HOSE

HOSES › Chemical hoses

Flexible hose made of very resistant polyester fabric coated with seven layers of CSM POLYETHYLENE CHLOROSULFONATE rubber (Hypalon®). CSM derives from the chlorosulfonation of crystalline polyethylene made amorphous through the introduction of chlorine in quantities varying from 25% to 45%.

Different types of polymers are available characterized by a variable chlorine content. The physical-mechanical characteristics, compression behavior, chemical resistance and resistance to low temperatures are influenced by the chlorine content. The tube is reinforced by an external support spiral in hot-dip galvanized steel crimped to the fabric.

Extremely flexible - axial compressibility 1:4

Black colour, available on request with stainless steel spiral or with double layer of fabric.

MAXIMUM WORKING TEMPERATURE: -40° +170°

USE:

For the conveyance of chemically aggressive gases at high and low temperatures.

Resistant to oil mist, excellent resistance to UV ultraviolet rays, mineral, vegetable and animal fats, hydrocarbons and some types of freon. Good resistance to alkalis and acids.

Compliant with RoHS regulations.

PIPE AVAILABLE IN PIECES FOR USE or in standard lengths of 3 - 6 meters



Mastertubi.it/q?987

Dimensions	Pressure	Depression	Radius of curvature	Weight
Ø mm	Cafe	Cafe	mm	Kg/m
38	0.785	0.450	21	0.57
40	0.765	0.440	22	0.59
50	0.630	0.380	25	0.76
55	0.600	0.350	27	0.82
60	0.570	0.320	28	0.89
63	0.545	0.290	30	0.96
70	0.525	0.260	31	1.03
75	0.500	0.230	33	1.10
80	0.485	0.200	34	1.16
90	0.450	0.140	37	1.30
100	0.300	0.120	28	1.03
110	0.285	0.105	30	1.13
114	0.275	0.098	32	1.17
120	0.270	0.090	32	1.22
125	0.260	0.085	34	1.27

130	0.255	0.075	34	1.32
140	0.245	0.060	36	1.42
150	0.165	0.050	38	1.04
160	0.160	0.045	40	1.11
165	0.155	0.040	41	1.14
170	0.155	0.040	42	1.17
175	0.150	0.040	44	1.21
180	0.150	0.040	44	1.24
200	0.140	0.030	48	1.37
215	0.135	0.030	52	1.47
225	0.130	0.025	54	1.54
228	0.130	0.025	57	1.56
250	0.100	0.025	58	1.71
254	0.095	0.025	60	1.85
275	0.090	0.020	64	1.87
280	0.090	0.020	65	1.96
300	0.085	0.015	68	2.04
305	0.085	0.015	69	2.07
315	0.085	0.015	71	2.14
325	0.080	0.015	74	2.21
330	0.080	0.015	75	2.25
350	0.065	0.015	78	2.37
400	0.060	0.010	88	2.71
405	0.055	0.010	90	2.75
450	0.055	0.010	98	3.04
457	0.050	0.010	100	3.09
500	0.050	0.005	108	3.37
508	0.035	0.005	110	3.41
600	0.030	0.005	128	4.04
610	0.30	0.005	130	4.12
700	0.025	0.002	148	4.71
800	0.023	0.001	178	5.86
900	0.020	0.001	188	6.04
1000	0.020	0.001	208	6.71