

Chemically resistant hoses



GRIPFLEX HYTEF, HYTEF EL

Teflon hose for extraction and transfer in chemical, petrochemical and food industries at an elevated temperature of up to 175°C

- Inner layer:** Teflon film (PTFE) white, conductive black (EL version)
- Outer layer:** black polyester fabric covered with CSM rubber
- Reinforcement:** CLIP type - external wire spiral and galvanised sheet steel, left-hand (optional stainless steel)
- Operating temp:** -35°C÷ +175°C (temporarily +190°C)

Lightweight, highly flexible and flexible, chemically and temperature resistant **double-layered** hose for the extraction and transfer of the most chemically aggressive vapours, gases, dust and fibres (non-abrasive), hot air blowing. Very good chemical resistance to aggressive chemicals due to the inner PTFE layer. In the standard version, the inner layer of white natural PTFE meets the requirements of the food industry (FDA). In the antistatic version EL, the black inner PTFE layer is electrically conductive ($R \leq 10^{(6)} \Omega$). The hose is characterised by high compressibility - up to 1:6, strong construction resistant to vibration, stretching and tearing, injury resistance due to the external spiral. Resistant to UV radiation, ozone and ageing. Used in the chemical, petrochemical and food industries. Also available with stainless steel spiral (from 80 mm diameter). Hose assembly on couplings with bridge ties (left-handed).

Chemical resistance check: PTFE chemical resistance table (pre-selection), confirmation of resistance and conditions of use by Tubes International.

index (standard)	index (EL version)	internal diameter [mm]	working pressure 23°C [bar]	vacuum 23°C [bar]	bend radius [mm]	approximate mass [kg/m]	standard length [m]
TS-HYTEF-050	TS-HYTEFEL-050	50	0,9	0,4	30	0,4	2 to 10
TS-HYTEF-060	TS-HYTEFEL-060	60	0,78	0,278	36	0,5	2 to 10
TS-HYTEF-065	TS-HYTEFEL-065	65	0,68	0,237	39	0,5	2 to 10
TS-HYTEF-070	TS-HYTEFEL-070	70	0,67	0,204	42	0,5	2 to 10
TS-HYTEF-075	TS-HYTEFEL-075	75	0,62	0,178	45	0,6	2 to 10
TS-HYTEF-080	TS-HYTEFEL-080	80	0,61	0,156	48	0,6	2 to 10
TS-HYTEF-090	TS-HYTEFEL-090	90	0,56	0,123	54	0,6	2 to 10
TS-HYTEF-100	TS-HYTEFEL-100	100	0,51	0,1	60	0,6	2 to 10
TS-HYTEF-110	TS-HYTEFEL-110	110	0,48	0,083	66	0,7	2 to 10
TS-HYTEF-120	TS-HYTEFEL-120	120	0,36	0,07	72	0,7	2 to 10
TS-HYTEF-125	TS-HYTEFEL-125	125	0,33	0,064	75	0,8	2 to 10
TS-HYTEF-130	TS-HYTEFEL-130	130	0,28	0,059	78	0,8	2 to 10
TS-HYTEF-140	TS-HYTEFEL-140	140	0,25	0,051	84	0,8	2 to 10
TS-HYTEF-150	TS-HYTEFEL-150	150	0,22	0,044	90	0,9	2 to 10
TS-HYTEF-160	TS-HYTEFEL-160	160	0,21	0,039	96	0,9	2 to 10
TS-HYTEF-170	TS-HYTEFEL-170	170	0,19	0,035	102	0,9	2 to 10
TS-HYTEF-175	TS-HYTEFEL-175	175	0,185	0,033	105	1	2 to 10
TS-HYTEF-180	TS-HYTEFEL-180	180	0,172	0,031	108	1	2 to 10
TS-HYTEF-200	TS-HYTEFEL-200	200	0,148	0,025	120	1,2	2 to 10
TS-HYTEF-215	TS-HYTEFEL-215	215	0,128	0,022	129	1,3	2 to 10
TS-HYTEF-225	TS-HYTEFEL-225	225	0,115	0,02	135	1,4	2 to 10
TS-HYTEF-250	TS-HYTEFEL-250	250	0,1	0,016	175	1,6	2 to 10
TS-HYTEF-275	TS-HYTEFEL-275	275	0,08	0,013	193	1,9	2 to 10
TS-HYTEF-300	TS-HYTEFEL-300	300	0,07	0,011	210	2,1	2 to 10
TS-HYTEF-315	TS-HYTEFEL-315	315	0,062	0,01	221	2,1	2 to 10
TS-HYTEF-325	TS-HYTEFEL-325	325	0,059	0,01	228	2,2	2 to 10
TS-HYTEF-350	TS-HYTEFEL-350	350	0,056	0,008	245	2,5	2 to 10
TS-HYTEF-375	TS-HYTEFEL-375	375	0,05	0,007	263	2,9	2 to 10
TS-HYTEF-400	TS-HYTEFEL-400	400	0,047	0,006	280	3,1	2 to 10
TS-HYTEF-450	TS-HYTEFEL-450	450	0,045	0,005	360	3,6	2 to 10
TS-HYTEF-500	TS-HYTEFEL-500	500	0,043	0,004	400	4,1	2 to 10
TS-HYTEF-600	TS-HYTEFEL-600	600	0,039	0,003	480	5,1	2 to 10
TS-HYTEF-700	TS-HYTEFEL-700	700	0,031	0,002	560	6	2 to 10
TS-HYTEF-800	TS-HYTEFEL-800	800	0,022	0,002	640	6,9	2 to 10
TS-HYTEF-900	TS-HYTEFEL-900	900	0,016	0,001	720	7,8	2 to 10