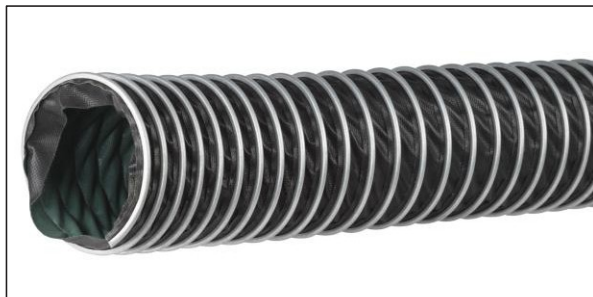


Chemically resistant hoses



GRIPFLEX FKM (VITON)

Hose for extraction and transfer of chemical, paint and solvent vapours at elevated temperatures

Hose material: FKM-coated polyester fabric, antistatic, black outside
Reinforcement: CLIP type - external wire spiral and galvanised sheet steel, left-hand (optional stainless steel)
Operating temperature: -25°C to +210°C

Lightweight, highly flexible and flexible, chemically resistant hose designed for the extraction and transfer of chemically aggressive vapours of solvents, paints, hydrocarbons, chemicals, etc. Thanks to the conductive FKM rubber, it has antistatic properties (surface resistance $R < 10^{(6)\Omega}$). Very good resistance to oil, aromatics, most acids and chemicals. Excellent resistance to elevated temperatures. Resistant to UV radiation and ozone. Features high compressibility - up to 1:6, strong construction resistant to vibration and stretching, injury resistance due to external spiral. Used in the paint, chemical and paper industries. Also available with stainless steel spiral (from 80 mm diameter). Hose assembly on couplings with bridge ties (left-handed).

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

FKM - fluoroelastomer, fluoro rubber - synthetic rubber characterised by particularly good heat resistance. Resistant to fuels and oils and a wide range of aggressive chemicals. With limited resistance to hot water, steam and alcohols, among others. Widely used in aerospace, automotive, chemical industries for seals and other high quality and durable products. First introduced to the market by DuPont (Viton®).

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