

CONVOLUTED PTFE HOSES STAINLESS STEEL AISI 304



Technical features of the PTFE convoluted hoses with stainless steel AISI 304

AF PART NO.	SIZE DESCRIPTION	NORMINAL Ø HOSE I.D.		NORMINAL Ø HOSE O.D.	WALL THICKNESS	MINIMUM BEND RADIUS	WORKING PRESSURE		BURST PRESSURE	
		mm	inch				BAR	PSI	BAR	PSI
CFX-06	3/8"	9.50	0.375	16.40	0.75	20	150	2175	450	6525
CFX-08	1/2"	12.50	0.500	19.00	0.75	25	135	1958	405	5873
CFX-10	5/8"	16.00	0.625	22.60	0.90	50	100	1450	300	4350
CFX-12	3/4"	19.00	0.750	26.00	0.90	65	80	870	240	3480
CFX-16	1"	25.00	1.000	33.70	1.00	90	55	798	165	2393
CFX-20	1.1/4"	32.00	1.250	40.30	1.00	110	45	653	135	1958
CFX-24	1.1/2"	38.00	1.500	51.00	1.00	150	35	508	105	1523
CFX-32	2"	50.00	2.000	62.00	1.00	200	25	363	75	1088

- **Technical-constructive features:**

Helically convoluted PTFE (polytetrafluorethylene) inner tube, medium wall, with an outer cover of AISI 304 high tensile stainless steel braid.

- **Properties**

Resistant to all chemicals, except molten alkali metals or halogens at elevated temperatures.
 Non-sticking, easy to clean.
 Excellent resistance for vibration and flexing.
 FDA approved resin for food, domestic and pharmaceutical application.
 Non-flammable, non-aging and U.V. resistance.
 Good dielectric properties.
 Low coefficient of friction ensuring low pressure drop.

- **Utilization temperature:**

From -60 °C to +260 °C

- **Application**

Marine, Food, Pharmaceutical and Petrochemical industries.