

## Convoflex Convoluted PTFE

Convoflex is a heavy wall extruded convoluted hose used extensively through the process industry due to the self-cleaning design and the unique way that the hose can be lined through the fittings to make a completely bug free environment for applications where cleanliness is paramount. Convoflex also protects the fittings against corrosion in applications transferring aggressive media.

### Properties

**Application** – Used globally in applications that require the upmost cleanliness and with its heavier wall, it is more suited to the arduous applications found in the process plant industry.

**Design** – Heavy wall convoluted PTFE tube

**Inner layer** – Helically convoluted heavy wall PTFE tube



**Outer layer** – Integrated Helix wire, Stainless Steel 304/316 & polypropylene braids

Minimum working pressure -60°C with a maximum working pressure of +260°C.

### CONVOFLEX SS

PART NUMBER	DESCRIPTION	BRAIDED ID NOMINAL	WALL THICKNESS	BRAIDED OD NOMINAL	MIN BEND RADIUS	MAX WORKING PRESSURE	BURST PRESSURE	VACUUM
		MM	MM	MM	MM	BAR	BAR	MBAR
TCM12SS	1/2" CONVOFLEX	13.08	0.89	18.90	40	50	250	887
TCM016SS	5/8" CONVOFLEX	16.00	0.89	22.85	50	35	170	887
TCM20SS	3/4" CONVOFLEX	19.00	1.00	27.40	60	60	290	887
TCM025SS	1" CONVOFLEX	25.40	1.20	36.00	80	40	210	887
TCM032SS	1.25" CONVOFLEX	31.00	1.20	42.00	100	45	210	887
TCM038SS	1.5" CONVOFLEX	35.50	1.60	46.00	120	40	175	887
TCM045SS	1.75" CONVOFLEX	44.00	1.60	56.00	135	25	135	887
TCM050SS	2" CONVOFLEX	47.50	1.60	59.50	165	25	135	887
TCM065SS	2.5" CONVOFLEX	60.25	1.60	77.25	230	14	60	887
TCM080SS	3" CONVOFLEX	74.00	1.60	93.00	260	12	65	887
TCM100SS	4" CONVOFLEX	98.00	1.82	122.30	300	10	40	887
TCM150SS	6" CONVOFLEX	152.00	2.50	182.00	520	6	24	800

### CONVOFLEX BARE TUBES

PART NUMBER	DESCRIPTION	ID NOMINAL	WALL THICKNESS	OD NOMINAL	MIN BEND RADIUS	MAX WORKING PRESSURE	BURST PRESSURE	VACUUM
		MM	MM	MM	MM	BAR	BAR	MBAR
TCM12BT	1/2" CONVOFLEX	13.10	0.89	17.90	25	4	12	800
TCM16BT	5/8" CONVOFLEX	16.00	0.89	21.85	30	3	9	800
TCM20BT	3/4" CONVOFLEX	19.00	1.00	26.40	50	3	9	800
TCM25BT	1" CONVOFLEX	26.00	1.20	35.00	60	3	9	800
TCM32BT	1.25" CONVOFLEX	32.00	1.20	41.00	80	2.5	7.5	800
TCM38BT	1.5" CONVOFLEX	36.50	1.60	45.00	100	2.5	7.5	800
TCM45BT	1.75" CONVOFLEX	44.00	1.60	55.00	120	2.5	7.5	800
TCM50BT	2" CONVOFLEX	48.50	1.60	59.50	125	2	6	800
TCM065BT	2.5" CONVOFLEX	61.00	1.60	76.25	175	1.5	4.5	800
TCM080BT	3" CONVOFLEX	74.00	1.50	92.00	200	1.3	3.9	800
TCM100BT	4" CONVOFLEX	100.00	2.50	125.00	225	1	3	800
TCM150BT	6" CONVOFLEX	150.00	2.50	180.00	250	0.5	1.5	800