

## ► Convo-Flex®

### Convo-Flex® Virgin-TCMV

### Convo-Flex® Anti-Static-TCMF

- Convo-Flex® tube is helically convoluted and therefore is self draining. It offers easy cleaning, good flexibility and vacuum resistance.
- Convo-Flex® is available in a choice of virgin (TCMV) or anti-static (TCMF) liners.
- Having a generally heavier wall than its Easy-Flex® cousin, the Convo-Flex® range is more suited to use in more arduous applications throughout the process plant industry, including suction duties.

- Convo-Flex® can be assembled with a variety of overbraid materials (including stainless steel and polypropylene). Contact our Sales Office for further details.
- Convo-Flex® can be supplied with an integral stainless steel reinforcement wire following the convolutions of the hose. The wire provides greater kink resistance, general mechanical strength, and increased security on vacuum applications at elevated temperatures.

### Convo-Flex® Range

USA Part Number	Part Number	Description	Tube Wall Thickness Nom.		Convo OD Nominal		Tolerance +/-		Convo ID Nominal		Tolerance +/-		Max. Working Pressure		Min. Burst Pressure		Min. Bend Radius	
			(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)	(psi)	(bar)	(psi)	(bar)	(mm)	(in)
TCMV7.1BT	TCMV7.1BT	1/4" Convo-Flex	0.76	0.030	11.68	0.460	0.75	0.030	7.00	0.276	0.75	0.030	58	4.0	203	14.0	18	0.709
TCMV9.5BT	TCMV9.5BT	3/8" Convo-Flex	0.76	0.030	14.95	0.589	0.75	0.030	9.65	0.380	0.75	0.030	58	4.0	203	14.0	20	0.787
TCMV12.8BT	TCMV12.8BT	1/2" Convo-Flex	0.89	0.035	17.90	0.705	0.75	0.030	13.08	0.515	0.75	0.030	58	4.0	203	14.0	25	0.984
TCMV16.0BT	TCMV16.0BT	5/8" Convo-Flex	0.89	0.035	21.85	0.860	0.75	0.030	16.00	0.630	0.75	0.030	44	3.0	160	11.0	30	1.181
TCMV18.6BT	TCMV18.6BT	3/4" Convo-Flex	1.00	0.039	26.40	1.039	1.00	0.039	19.00	0.748	1.00	0.039	44	3.0	160	11.0	50	1.969
TCMV24.8BT	TCMV24.8BT	1" Convo-Flex	1.20	0.047	35.00	1.378	1.25	0.049	25.40	1.000	1.25	0.049	44	3.0	145	10.0	60	2.362
TCMV32.0BT	TCMV32.0BT	1 1/4" Convo-Flex	1.20	0.047	41.00	1.614	1.25	0.049	31.00	1.220	1.25	0.049	36	2.5	131	9.0	80	3.150
TCMV35.5BT	TCMV35.5BT	1 1/2" Convo-Flex	1.60	0.063	45.00	1.772	1.50	0.059	35.50	1.398	1.50	0.059	36	2.5	131	9.0	100	3.937
TCMV45.0BT	TCMV45.0BT	1 3/4" Convo-Flex	1.60	0.063	55.00	2.165	1.75	0.069	44.00	1.732	1.75	0.069	29	2.0	116	8.0	120	4.724
TCMV47.5BT	TCMV47.5BT	2" Convo-Flex	1.60	0.063	59.50	2.343	2.00	0.079	47.50	1.870	2.00	0.079	29	2.0	116	8.0	125	4.921
TCMV65.0BT	TCMV65.0BT	2 1/2" Convo-Flex	1.60	0.063	76.25	3.002	2.50	0.098	60.25	2.372	2.50	0.098	22	1.5	87	6.0	150	5.906
TCMV80.0BT	TCMV80.0BT	3" Convo-Flex	1.60	0.063	92.00	3.622	3.00	0.118	74.00	2.913	3.00	0.118	19	1.3	73	5.0	260	10.236
TCMV100.0BT	TCMV100.0BT	4" Convo-Flex	1.82	0.072	121.30	4.776	4.00	0.157	98.00	3.858	4.00	0.157	15	1.0	65	4.5	400	15.748

