

# TOPFLEX

## With Floating Flanges



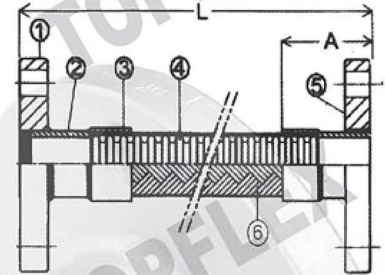
TOPFLEX braided flexible pump connectors. TF-302, TF-303 and TF-303L are assembled using high quality metal hose, high strength braid and fitted with fixed mild steel flanged. They are designed for optimum performance in vibration applications where axial motion does not occur. TF-302, TF-303 and TF-303L are ideal for absorbing vibration and reducing noise. They are easily installed and reduce the possibility of pump failure. JIS10K, ANSI150, PN16 and other flange standards included metal or stainless steel material flange are available upon request.

### MATERIALS

Fig. TF-302 Fixed-Fixed Flange

DRAWING NO.	DESCRIPTION	MATERIALS (Corrugated)	
		SUS304	SUS316, 316L, 321
1	Fixed Flange	SS400, SUS304, SUS316	SS400, SUS304, SUS316
5	Fixed Flange	SS400, SUS304, SUS316	SS400, SUS304, SUS316
2	Short Pipe	SUS304, SGP	SS400, SUS304, SUS316
3	Collar	SUS304	SUS304
4	Corrugated	SUS304	SUS316, SUS316L, SUS321
6	Wire Braid	SUS304	SUS304

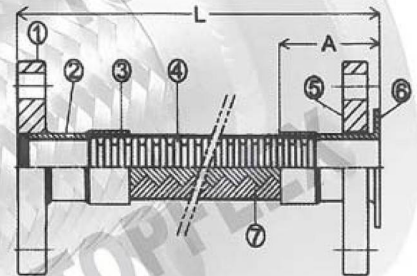
Working Pressure 10 bar or up.



### MATERIALS

Fig. TF-303 Fixed-Loosed Flange

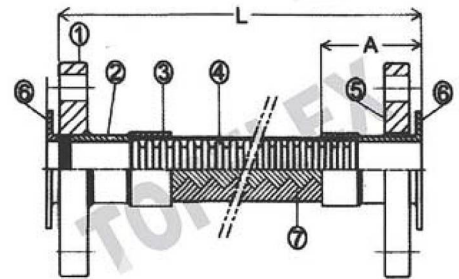
DRAWING NO.	DESCRIPTION	MATERIALS (Corrugated)	
		SUS304	SUS316, 316L, 321
1	Loosed Flange	SS400, SUS304, SUS316	SS400, SUS304, SUS316
5	Loosed Flange	SS400, SUS304, SUS316	SS400, SUS304, SUS316
2	Short Pipe	SUS304, SGP	SS400, SUS304, SUS316
6	Lap Joint	SUS304, SGP	SS400, SUS304, SUS316
3	Collar	SUS304	SUS304
4	Corrugated Hose	SUS304	SUS316, SUS316L, SUS321
7	Wire Braid	SUS304	SUS304



### MATERIALS

Fig. TF-303L Fixed-Loosed Flange

DRAWING NO.	DESCRIPTION	MATERIALS (Corrugated)	
		SUS304	SUS316, 316L, 321
1	Loosed Flange	SS400, SUS304, SUS316	SS400, SUS304, SUS316
5	Loosed Flange	SS400, SUS304, SUS316	SS400, SUS304, SUS316
2	Short Pipe	SUS304, SGP	SS400, SUS304, SUS316
6	Lap Joint	SUS304, SGP	SS400, SUS304, SUS316
3	Collar	SUS304	SUS304
4	Corrugated Hose	SUS304	SUS316, SUS316L, SUS321
7	Wire Braid	SUS304	SUS304



### SPECIFICATION OF CORRUGATE with Braid

Max. Working Temperature : 250 °C

Nominal Diameter (inch.) mm	Bending Radius (mm.)		Max. Working Pressure kgf/cm <sup>2</sup> (at 20 °C)			Test Pressure kgf/cm <sup>2</sup>		Bursting Pressure kgf/cm <sup>2</sup>	
			Single Braid		Double Braid				
	SUS304	SUS316, 316L, 321	SUS304	SUS316, 316L, 321	SUS304	SUS304	SUS316, 316L, 321	SUS304	SUS316, 316L, 321
1" (25)	220	230	40	50	65	60	75	160	200
1.1/4" (32)	260	270	40	40	60	60	60	160	160
1.1/2" (40)	300	310	34	40	46	51	60	136	160
2" (50)	310	340	31	35	43	46	52	124	140
2.1/2" (65)	430	500	27	30	37	40	45	108	120
3" (80)	475	600	20	24	30	30	36	80	96
4" (100)	580	710	15	20	18	22	30	60	80
5" (125)	820	850	12	14	14	18	21	48	56
6" (150)	1,000	1,050	10	10	12	15	15	40	40
8" (200)	1,020	1,100	8	10	10	12	15	30	40

Application Fluid : Oil, Water, Hot Water, Steam, Air, Chemicals, etc.