

TOPFLEX

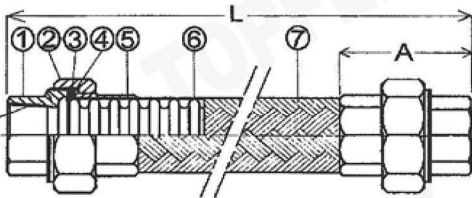
STAINLESS STEEL FLEXIBLE JOINT

With Union Ending

TOPFLEX braided flexible connectors, TF-301 are assembled using high quality metal hose and high strength braid, and fitted with BSPT thread unions made of galvanized malleable iron. Two standard lengths are available : 300 mm. & 500 mm. or other length are available upon your request. The 300 mm. long TF-301 can be used as pump connectors to isolate pump vibration TF-301 is ideal for absorbing vibration, misalignment and possible offsets on piping systems.

Max. Working Pressure 16 bar or up.

Fig. TF-301



MATERIALS

DRAWING NO.	DESCRIPTION	MATERIALS (Corrugate) SUS304	MATERIALS (Corrugate) SUS316, 316L, 321
1	Union Screw	FCMB	FCMB, SUS304, SUS316
2	Union Nut	FCMB	FCMB, SUS304, SUS316
3	Union Sleeve	FCMB	FCMB, SUS304, SUS316
4	Packing	GASKET	GASKET
5	Union Collar	SUS304	SUS304
6	Corrugated Hose	SUS304	SUS316, SUS316L, SUS321
7	Wire Braid	SUS304	SUS304

* UNION	TYPE / MATERIALS	FCMB	SUS	Max. Temp
	UNION GASKET	GASKET	PTPE	220 °C
	UNION TAPER	BRONZE	SUS	250 °C

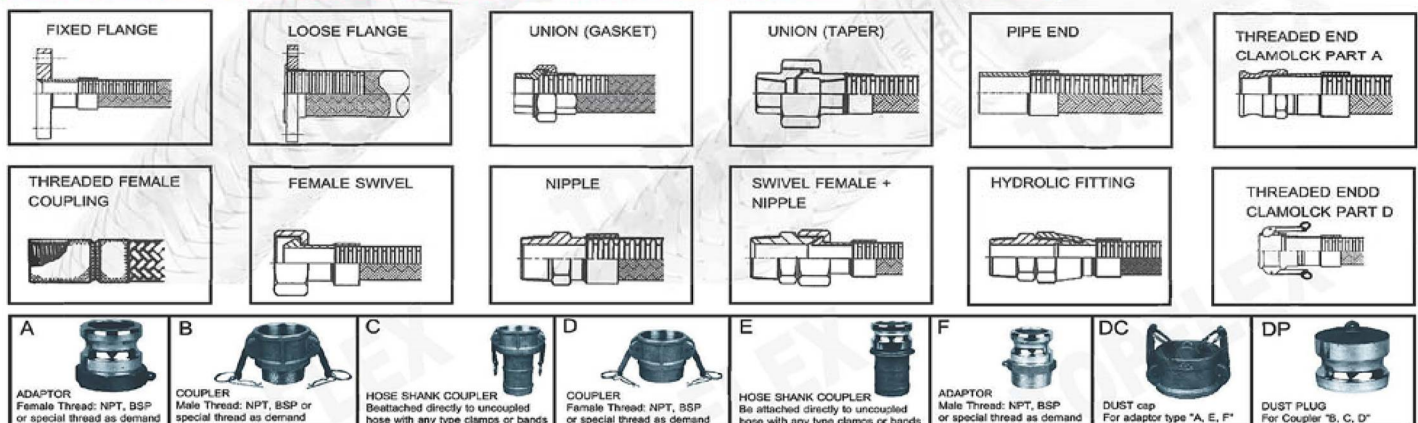
SPECIFICATION OF CORRUGATE with Braid

Nominal Diameter Inch. (mm)	Bending Radius (mm)		Max. Working Pressure kgf/cm ² (at 20 °C)		Test Pressure kgf/cm ²		Bursting Pressure kgf/cm ²	
	SUS304	SUS316, 316L, 321	SUS304	SUS316, 316L, 321	SUS304	SUS316, 316L, 321	SUS304	SUS316, 316L, 321
1/4" (8)	100	110	175	175	262	262	700	700
3/8" (10)	150	160	100	100	150	150	400	400
1/2" (15)	200	210	95	95	142	142	380	380
3/4" (20)	210	220	60	60	90	90	240	240
1" (25)	220	230	40	40	60	60	160	160
1.1/4" (32)	270	270	40	40	60	60	160	160
1.1/2" (40)	310	310	34	40	51	60	136	160
2" (50)	310	340	31	35	46	52	124	140
2.1/2" (65)	410	500	27	30	40	45	108	120
3" (80)	450	600	26	24	30	36	80	96

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

Dimension are subject to change without prior notice.

TOPFLEX STAINLESS STEEL FLEXIBLE JOINT CUSTOM TYPE of Connection : MODEL TF-304



Buna N:
neoprene:

Buna N is standard. It is generally recommended for petroleum derivatives, neutral or slightly acidic salt solutions, alcohols ethers, glycols, fats, oils and greases. This compound should give good service from -40 ° F to +250 ° F
Recommended for alkaline and acid salt solutions and aldehydes such as for formaldehyde. For food service. White neoprene is also available. Temperature recommended -40 ° F to +250 ° F