



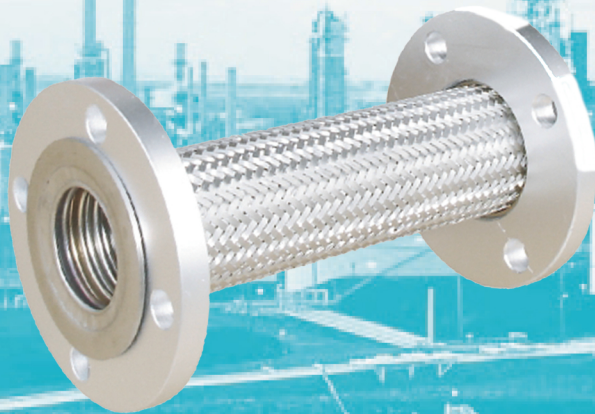
力霸水泵機械工程有限公司
SUPERPOWER PUMPING ENGINEERING CO., LTD



TOZEN
A joint reliance

STAINLESS STEEL FLEXIBLE HOSE

FLANGE TYPE FLEXIBLE HOSE



TWINFLEX
FLEXIBLE RUBBER JOINT

T W I N F L E X

G/F., Times Tower, 928-930 Cheung Sha Wan Road, Kowloon, Hong Kong

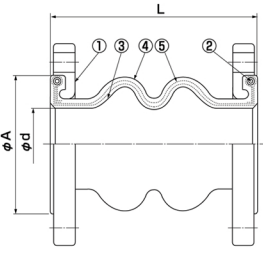
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TWINFLEX FLEXIBLE RUBBER JOINT

Construction



No.	Parts	Materials
①	Flange	Ductile Iron (FCD 450)
②	Reinforcing Ring	Carbon Steel (SWRH)
③	Inner Rubber	Synthetic Rubber
④	Outer Rubber	Synthetic Rubber
⑤	Reinforcing Cord	Synthetic Fiber

● Flanges on ANSI, BS, etc. available.
The flange material can be changed to Mild Steel, SUS304 and SUS316. Please consult us.

Dimensions and Allowable Movements

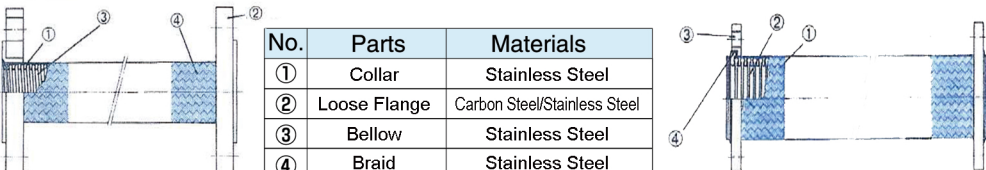
Nominal Dia. (A)	Dimensions (mm)			Mass (kg)	Allowable Movements (mm)				Installation Tolerances (mm)			
	L	φA	φd		T.M.	A.E.	A.C.	A.M. (°)	T.M.	A.E.	A.C.	A.M. (°)
32	175	80	40	2.9	20	10	20	30	8	3	6	10
40	175	80	40	3.3	20	10	20	30	8	3	6	10
50	175	96	50	3.9	20	10	20	30	8	3	6	10
65	175	115	65	5.2	20	10	20	30	8	3	6	10
80	175	125	75	5.3	20	10	20	30	8	3	6	10
100	225	152	100	6.8	25	15	30	30	10	3	6	10
125	225	182	125	10.0	25	15	30	30	10	3	6	10
150	225	212	150	14.0	25	15	30	30	10	3	6	10
200	325	263	200	18.0	30	20	40	30	12	3	6	10
250	325	322	250	27.0	30	20	40	30	12	3	6	10
300	325	370	300	30.0	30	20	40	30	12	3	6	10

※ T.M. = Transverse Movement A.C. = Axial Compression
 ※ A.E. = Axial Elongation A.M. = Angular Movement

- Mass indicates only the case with JIS 10K (FCD450) flanges.
- Use the products within the given allowable movements.
- Tolerances for installation are included in the allowable movements (Allowable movements = Tolerances for installation + Operating movements)
- Please note that information in the above table are for single movement only. In case of complex movements, some connection is required.

STAINLESS STEEL FLEXIBLE HOSE FLANGE TYPE FLEXIBLE HOSE

Construction



No.	Parts	Materials
①	Collar	Stainless Steel
②	Loose Flange	Carbon Steel/Stainless Steel
③	Bellow	Stainless Steel
④	Braid	Stainless Steel

No.	Parts	Materials
①	Braid	Stainless Steel
②	Bellows	Stainless Steel
③	Loose Flange	Carbon Steel/Stainless Steel
④	Ring	Carbon Steel/Stainless Steel

Specification

Model (Code)	Nominal Diameter {mm (inch)}	Overall Length (mm)	Lateral Movement (mm)	Working Pressure (kgf/cm ²)
SF-600-15F	15 (1/2)	300	34.0	16
SF-600-20F	20 (3/4)	300	34.0	16
SF-600-25F	25 (1)	300	34.0	16
SF-600-32F	32 (1-1/4)	300	33.0	16
SF-600-40F	40 (1-1/2)	300	32.0	16
SF-600-50F	50 (2)	300	24.0	16
SF-600-65F	65 (2-1/2)	300	32.0	16
SF-600-80F	80 (3)	300	32.0	16
SF-600-100F	100 (4)	300	26.0	16
SF-600-125F	125 (5)	300	20.0	16
SF-600-150F	150 (6)	300	18.0	16
SF-600-200F	200 (8)	300	9.0	16
SF-600-250F	250 (10)	300	3.4	16
SF-600-300F	300 (12)	300	2.8	16

Remarks : Large size and different length available on request