

Flexible Rubber Joint

# 10-FLEX



## Feature

Compact type becomes available with 1.6MPa specification.

### Durability

Reciprocating pressure test for 20,000 cycles or above.

Good ability to isolate sound and vibration.

Easy installation on pipes and no need packing.

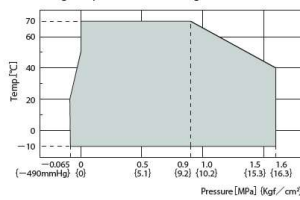
Ease water pulsation and hammer.

## Applications

- This product is mainly applicable for piping systems in commercial and industrial buildings and plants.
- Applicable fluids are exclusively water including cold water, warm water, cooled water, sea water, etc.
- This product can not be used for pool water, oil, or boiled water.

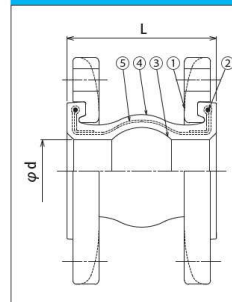
## Operating Conditions and Performance

### Working Temperature vs. Working Pressure



- Bursting Pressure: 4.8MPa or above at normal temp.
- The range of operating conditions depends on the flange standard.

## Structure



No.	Parts	Material
①	Flange	Mild Steel / Ductile Iron
②	Reinforcing Ring	Carbon Steel
③	Inner Rubber	Synthetic Rubber
④	Outer Rubber	Synthetic Rubber
⑤	Reinforcing Cord	Synthetic Fiber

- Flanges with mild steel and ductile iron in JIS10K, ANSI150, PN16 are standard. For other flanges, please consult us.
- Flange material can be changed to SUS304 and SUS316.

## Dimensions and Allowable Movements

Nominal Dia.		Dimension [mm]		Mass [Kg]	Allowable Movement [mm]				Installation Tolerances [mm]			
mm	inch	L	φ d		T.M.	A.E.	A.C.	A.M.	T.M.	A.E.	A.C.	A.M.
40	1 1/2	100	40	3.7	10	10	10	5°	4	3	3	2°
50	2	100	50	4.7	10	10	10	5°	4	3	3	2°
65	2 1/2	100	65	5.7	10	10	10	5°	4	3	3	2°
80	3	100	75	7.0	10	10	10	5°	4	3	3	2°
100	4	100	100	7.7	10	10	10	5°	4	3	3	2°
125	5	120	125	10	10	10	10	5°	4	3	3	2°
150	6	120	150	13	10	10	10	5°	4	3	3	2°
200	8	120	200	18	10	10	10	5°	4	3	3	2°
250	10	130	250	25	10	10	10	5°	4	3	3	2°
300	12	130	300	34	10	10	10	5°	4	3	3	2°

This brochure may be revised without prior notice. We apologize in advance for any inconvenience this may cause.

Agent

**TOZEN Corporation**  
8-4, Asahi, Yoshikawa  
Saitama 342-0008 Japan

