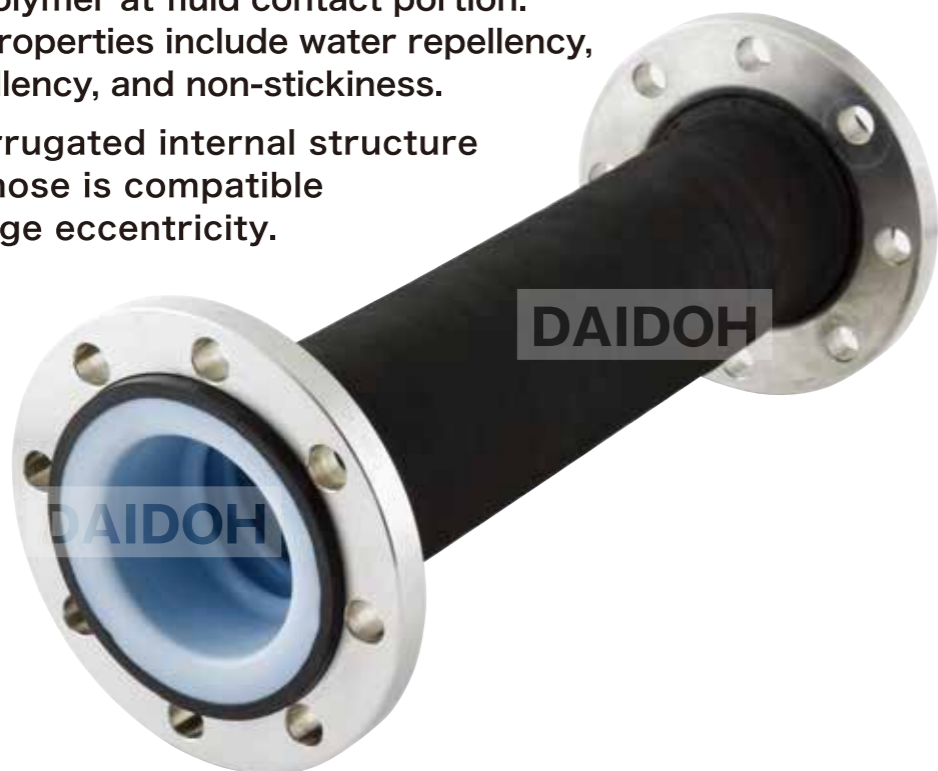


**T-FLEX C** Cylindrical flexible joint produced by coating the outer surface of fluoropolymer with synthetic rubber

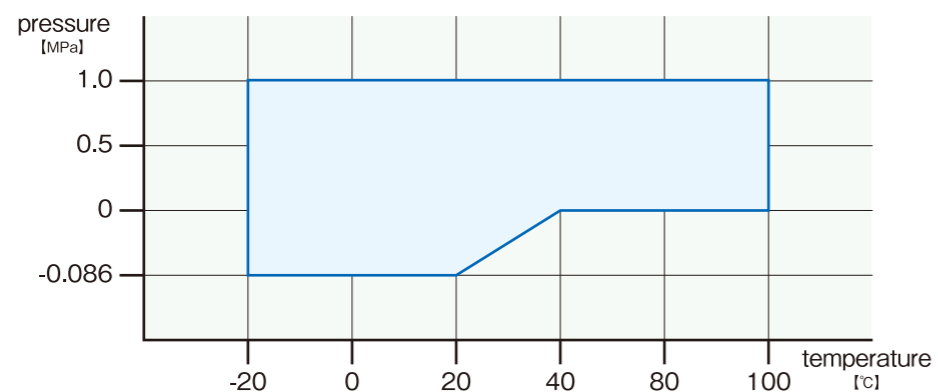
# T-FLEX C (Corrugation)

Excellent heat and chemical resistance due to the use of fluoropolymer at fluid contact portion. Other properties include water repellency, oil repellency, and non-stickiness.

The corrugated internal structure of the hose is compatible with large eccentricity.



## Pressure / Temperature



- Please make sure that the highest operating pressure and the highest operating temperature are within the operating range before use.
- Max. operating pressure : 1.0MPa (Based on the graph of operating range above)  
Please contact us when using this product under the pressure that exceeds the maximum operating pressure (1.0 MPa) for individual examination of the structure.
- Max. operating temperature : 100°C (Based on the graph of operating range above)
- Please contact us if gas is flowing through the pipe because the highest operating pressure becomes different.

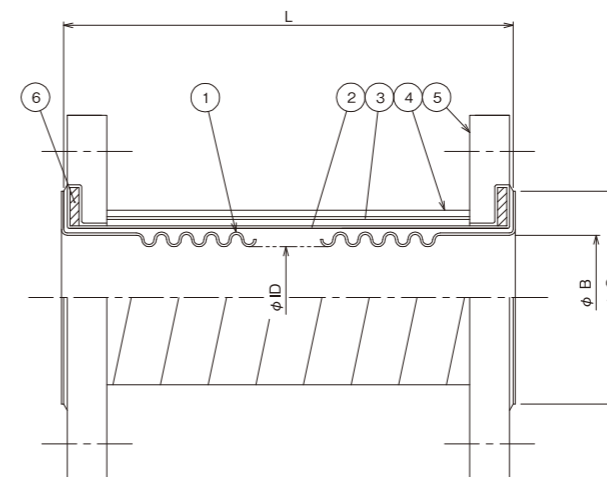
- (1) This product cannot be used in areas with repeated and frequent pressure changes, such as the delivery side of pressurizing or pressure boosting water pumps.
- (2) The sealing performance may be lowered due to the characteristics of the material. Please re-tighten the seal or use a gasket in such cases.

## Handling instructions

- This product generates reactive force due to the load of the inner pressure. Thus, fixing points or supports are required for installed pipes. (Please see p. 26-28.)
- Please see p. 26-28 for other cautions.

## Structure

# T-FLEX C (Corrugation)



No.	Name	Material
1	Corrugation hose	PTFE
2	Reinforcement layer	Synthetic fiber
3	Reinforcement layer	Synthetic fiber
4	Outer rubber	Synthetic rubber
5	Flange	SS400, SUS304 etc.
6	End-ring	SS400

- The standard product uses the JIS10K flange. Flanges with other specification, such as JIS5K, JIS20K, tap water, JPI, ANSI can also be used.
- Besides the standard products SS400 and SUS304, acceptable materials of the flange include SUS316, SUS316L and S25C.
- The hot-dip galvanized material (Zn plating) is the standard for the SS400 flange. Painted materials are also available.

## Size

NB	L [mm]		φID [mm]	φB [mm]	φG [mm]	Tolerance of displacement		
	standard	producible length				eccentricity [mm]	expansion [mm]	contraction [mm]
15A	450	200~700	14	20	53	200	20	20
20A	450	200~700	19	25	52	200	20	20
25A	450	200~700	19	25	58	200	20	20
32A	450	200~700	25	33	66	200	20	20
40A	450	200~700	25	33	66	200	20	20
50A	450	200~700	42	48	80	200	20	20
65A	450	200~700	50	61	100	200	20	20
80A	450	200~700	62	73	110	200	20	20
100A	450	200~700	90	102	143	200	20	20
125A	450	200~700	102	124	164	200	20	20
150A	600	200~700	130	152	198	200	20	20
200A	600	200~700	170	198	256	200	20	20
250A	600	200~700	220	248	305	200	20	20
300A	650	200~700	270	300	367	200	20	20
350A	650	200~700	302	332	403	200	20	20

- Please make sure that deflections remain within permissible range during operation.
- The deflections in the chart indicate independent deflections. Corrections are required when there are multiple deflections. Please see p. 26 for the method of correcting deflections.
- The φG values in the chart indicate the standard sizes when a JIS10K flange is used.