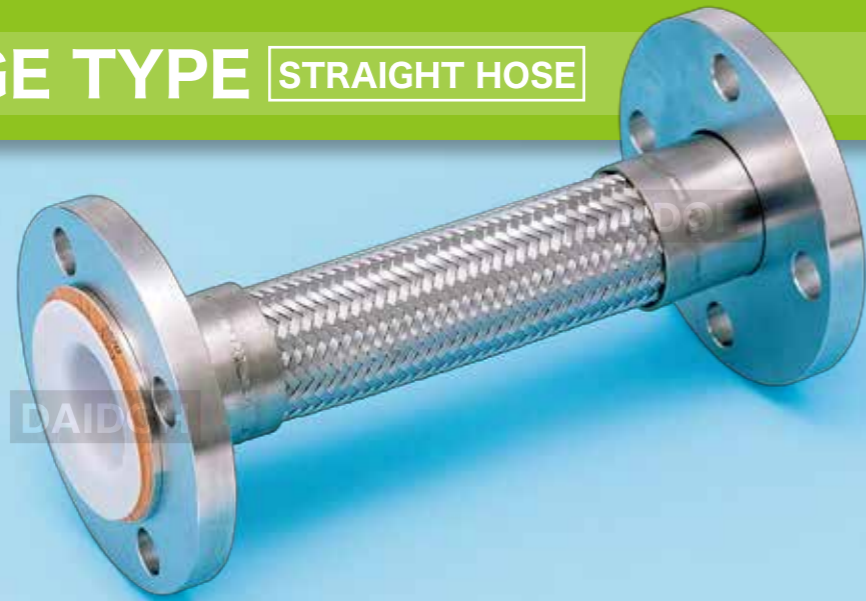
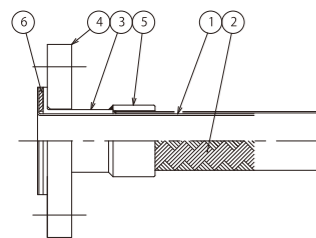


# FLANGE TYPE STRAIGHT HOSE

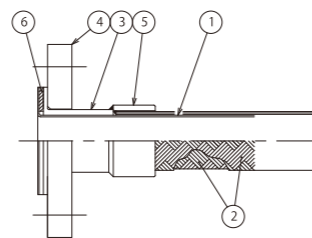


## For Low/Middle Pressure (Single Braid)



Item	Name
1	Tube
2	Braid
3	Stub End
4	Loose Flange
5	Tube Ring
6	Back-up Ring

## For High Pressure (up to 100A) (Multiple Braid)

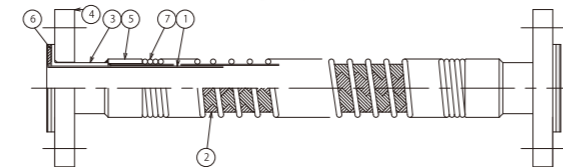


Item	Name
1	Tube
2	Multiple Braid
3	Stub End
4	Loose Flange
5	Tube Ring
6	Back-up Ring

Name	Material
Tube	PTFE·PFA·(Anti-Static type is also available)
Braid	SUS304·SUS316·SUS316L (Special braid available)
Flange	PVC·SS400·SUS304·SUS316·SUS316L·Titanium·Hastelloy etc.
Stub End	SUS304·SUS316·SUS316L·Titanium·Hastelloy etc.

Outer spring type is also available.  
(Fitting can be changed.)  
(Available for over-all spring and both ends spring.)

Ex1: Flange with outer spring.



- Other sizes than listed on the below table, can be produced. Please inquire us.
- Standard material of tube is PTFE.
- Also producible by PFA but hose ID/OD will slightly change.
- Anti-Static type is also available. For size and dimension. Please inquire us.
- Over-all length can be shortened as far as possible. Please consult us.
- Fitting fixing may change depending on over-all length.
- Pressure shows for single braid.
- Max. Working Pressure shown on the below table is at normal temperature.

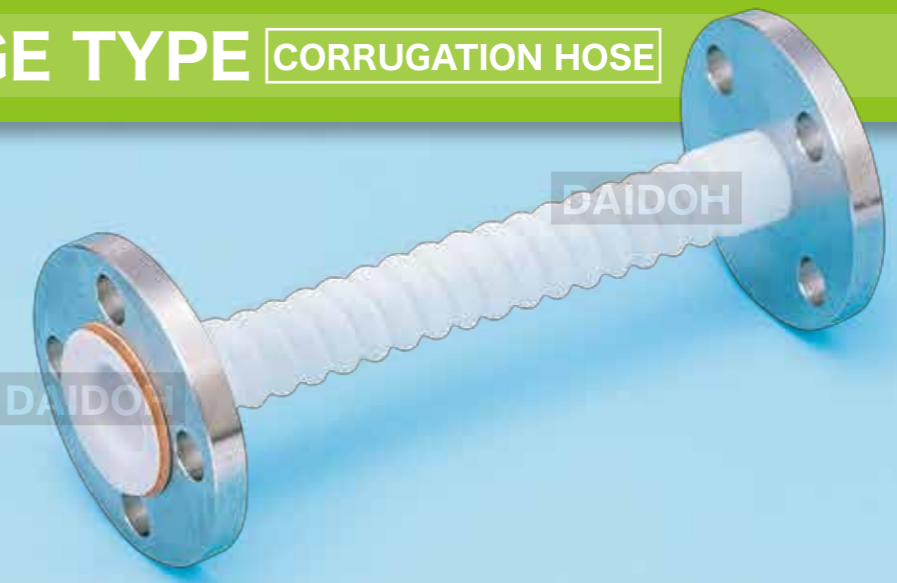
## DTF-2500 For Low/Middle Pressure (Single Braid)

## DTF-2400 For High Pressure (up to 100A) (Multiple Braid)

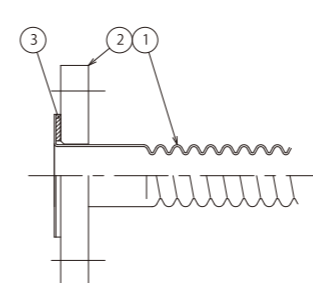
Standard Specification Other sizes than listed on the below table, can be produced. Please inquire us.

NB		Hose ID	Hose OD	Hose ID (opening)	Max. Working Pressure (Mpa)	Min. Bending Radius (mm)	Max. Length (m)
A	B						
10A	3/8B	16.0	18.0	16.0	0.98	250	50
15A	1/2B	16.0	18.0	16.0	0.98	250	50
20A	3/4B	19.0	22.0	19.0	0.98	350	30
25A	1B	25.0	28.0	25.0	0.98	500	20
32A	1-1/4B	33.0	36.0	33.0	0.98	1,500	6
40A	1-1/2B	39.0	42.0	39.0	0.98	2,000	6
50A	2B	50.0	53.5	50.0	0.98	2,500	6
65A	2-1/2B	65.0	68.5	65.0	0.98	3,500	6
80A	3B	77.0	81.0	77.0	0.98	5,000	6
100A	4B	102.0	106.0	102.0	0.98	6,000	3
125A	5B	125.0	131.0	125.0	0.78	—	3
150A	6B	149.0	155.0	149.0	0.59	—	3
200A	8B	198.0	204.0	198.0	0.49	—	3
250A	10B	248.0	255.0	248.0	0.49	—	3

# FLANGE TYPE CORRUGATION HOSE

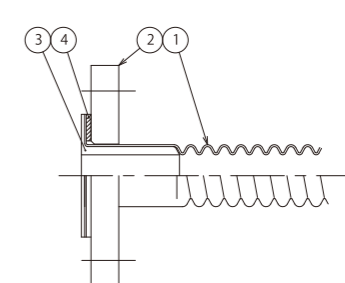


## For Low Pressure (Without Braid)



Item	Name
1	Tube
2	Loose Flange
3	Back-up Ring

## For Vacuum (Without Braid)



Item	Name
1	Tube
2	Loose Flange
3	Vacuum Sleeve
4	Back-up Ring

## DTF-2200 For Low Pressure (Without Braid)

## DTFV-2200 For Vacuum (Without Braid)

Standard Specification Other sizes than listed on the below table, can be produced. Please inquire us.

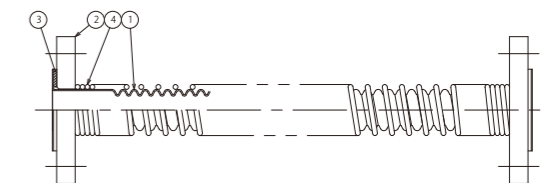
NB		Hose ID (squeezed)	Hose OD	Hose ID (opening)	Max. Working Pressure (Mpa)	Min. Bending Radius (mm)	Max. Length (m)
A	B						
10A	3/8B	14.0	22.0	19.0	0.29	45	6
15A	1/2B	14.0	22.0	19.0	0.29	45	6
20A	3/4B	19.0	28.0	25.0	0.29	50	6
25A	1B	25.0	36.0	33.0	0.24	70	5
32A	1-1/4B	25.0	36.0	33.0	0.24	70	5
40A	1-1/2B	32.0	42.0	39.0	0.19	90	5
50A	2B	42.0	53.5	50.0	0.14	120	5
65A	2-1/2B	55.0	68.5	65.0	0.14	250	5
80A	3B	65.0	81.0	77.0	0.14	300	5
100A	4B	90.0	106.0	102.0	0.09	400	3
125A	5B	107.0	131.0	125.0	0.09	600	2
150A	6B	132.0	155.0	149.0	0.09	700	2
200A	8B	180.0	204.0	198.0	0.05	900	2
250A	10B	220.0	255.0	248.0	0.05	1,200	2

Special Specification Other sizes than listed on the below table, can be produced. Please inquire us.

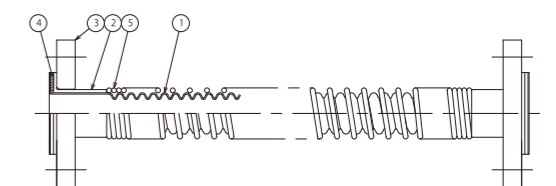
NB		Hose ID (squeezed)	Hose OD	Hose ID (opening)	Max. Working Pressure (Mpa)	Min. Bending Radius (mm)	Max. Length (m)
A	B						
10A	3/8B	12.0	18.0	16.0	0.29	35	6
15A	1/2B	19.0	28.0	25.0	0.29	50	6
20A	3/4B	14.0	22.0	19.0	0.29	45	6
25A	1B	19.0	28.0	25.0	0.29	50	6
32A	1-1/4B	32.0	42.0	39.0	0.19	90	5
40A	1-1/2B	42.0	53.5	50.0	0.14	120	5
50A	2B	50.0	64.5	61.0	0.14	200	5
65A	2-1/2B	65.0	81.0	77.0	0.14	300	5
80A	3B	71.0	93.5	89.5	0.09	350	4
100A	4B	97.0	116.0	112.0	0.09	500	3

Outer spring type is also available.  
(Fitting can be changed.)  
(Available for over-all spring and both ends spring.)

Ex1: Flange (without braid) with outer spring.

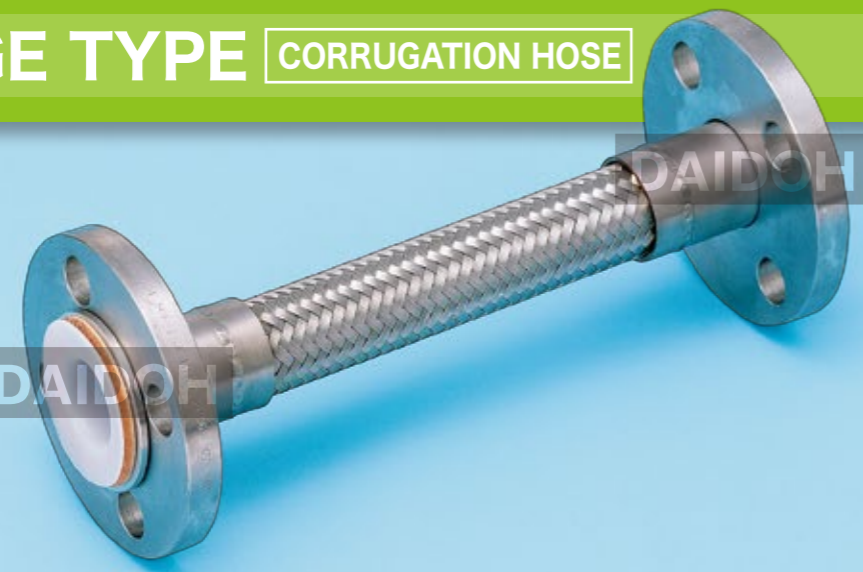


Ex2: Flange (without braid) with outer spring.



- Other sizes than listed on the left table, can be produced. Please inquire us.
- Also producible by PFA but hose ID/OD will slightly change.
- Anti-Static type is also available. For size and dimension, please inquire us.
- Standard material of tube is PTFE.
- Over-all length can be shortened as far as possible. Please consult us.
- Max. working temperature is 80°C.
- Max. Working Pressure shown on the left table is at normal temperature.

# FLANGE TYPE CORRUGATION HOSE



## For Low/Middle Pressure (Single Braid)

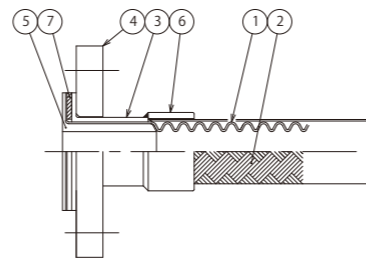
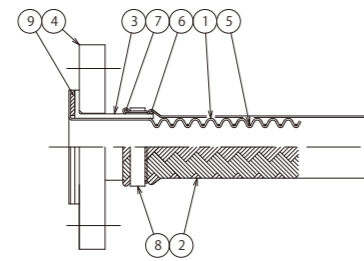
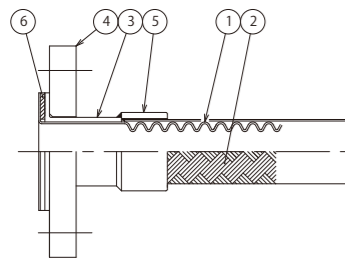
Item	Name	Item	Name
1	Tube	4	Loose Flange
2	Braid	5	Tube Ring
3	Stub End	6	Back-up Ring

## For High Pressure (up to 100A) (Multiple Braid)

Item	Name	Item	Name
1	Tube	6	Neck Ring
2	Braid	7	Wire
3	Stub End	8	Hoop Band
4	Loose Flange	9	Back-up Ring
5	Reinforcing Ring		

## For Vacuum (Single Braid)

Item	Name	Item	Name
1	Tube	5	Vacuum Sleeve
2	Braid	6	Tube Ring
3	Stub End	7	Back-up Ring
4	Loose Flange		



## DTF-2000 For Low/Middle Pressure (Single Braid)

## DTF-2300 For High Pressure (up to 100A) (Multiple Braid)

## DTFV-2000 For Vacuum (Single Braid)

**Standard Specification** Other sizes than listed on the below table, can be produced. Please inquire us.

NB		Hose ID (squeezed)	Hose OD	Hose ID (opening)	Max. Working Pressure (Mpa)	Min. Bending Radius (mm)	Max. Length (m)
A	B						
10A	3/8B	14.0	22.0	19.0	0.98	45	6
15A	1/2B	14.0	22.0	19.0	0.98	45	6
20A	3/4B	19.0	28.0	25.0	0.98	50	6
25A	1B	25.0	36.0	33.0	0.98	70	5
32A	1-1/4B	25.0	36.0	33.0	0.98	70	5
40A	1-1/2B	32.0	42.0	39.0	0.98	90	5
50A	2B	42.0	53.5	50.0	0.98	120	5
65A	2-1/2B	55.0	68.5	65.0	0.98	250	5
80A	3B	65.0	81.0	77.0	0.98	300	5
100A	4B	90.0	106.0	102.0	0.98	400	3
125A	5B	107.0	131.0	125.0	0.78	600	2
150A	6B	132.0	155.0	149.0	0.59	700	2
200A	8B	180.0	204.0	198.0	0.49	900	2
250A	10B	220.0	255.0	248.0	0.49	1,200	2

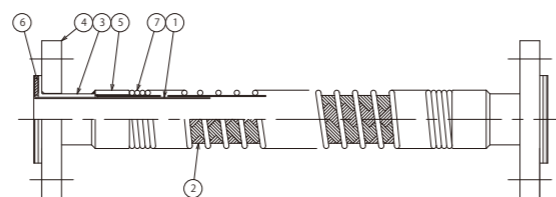
**Special Specification** Other sizes than listed on the below table, can be produced. Please inquire us.

NB		Hose ID (squeezed)	Hose OD	Hose ID (opening)	Max. Working Pressure (Mpa)	Min. Bending Radius (mm)	Max. Length (m)
A	B						
10A	3/8B	12.0	18.0	16.0	0.98	35	6
15A	1/2B	19.0	28.0	25.0	0.98	45	6
20A	3/4B	14.0	22.0	19.0	0.98	45	6
25A	1B	19.0	28.0	25.0	0.98	50	6
32A	1-1/4B	32.0	42.0	39.0	0.98	90	5
40A	1-1/2B	42.0	53.5	50.0	0.98	120	5
50A	2B	50.0	64.5	61.0	0.98	200	5
65A	2-1/2B	65.0	81.0	77.0	0.98	300	5
80A	3B	71.0	93.5	89.5	0.98	350	4
100A	4B	97.0	116.0	112.0	0.98	500	3

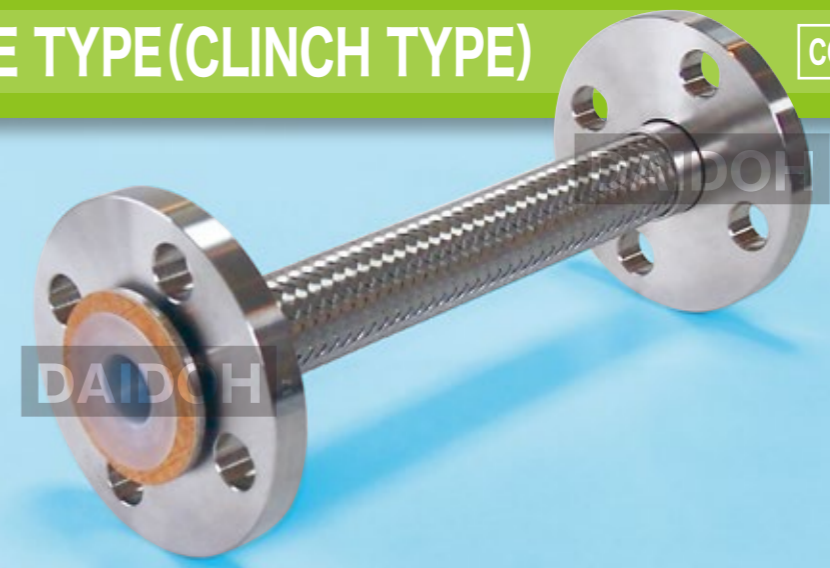
- Other sizes than listed on the left table, can be produced. Please inquire us.
- Standard material of tube is PTFE.
- Also producible by PFA but hose ID/OD will slightly change.
- Anti-Static type is also available. For size and dimension, please inquire us.
- Over-all length can be shortened as far as possible. Please consult us.
- For Vacuum type is also available.
- Under-ground use is also available.
- Fitting fixing may change depending on over-all length.
- Pressure shows for single braid.
- Max. Working Pressure shown on the left table is at normal temperature.

Outer spring type is also available. (Fitting can be changed.) (Available for over-all spring and both ends spring.)

Ex1: Flange with outer spring.



# FLANGE TYPE (CLINCH TYPE) CORRUGATION HOSE

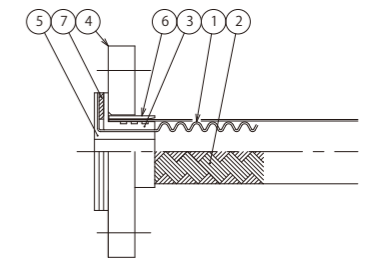
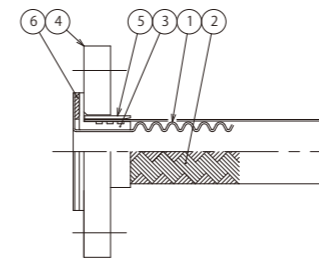


## For Low/Middle Pressure (Single Braid)

Item	Name	Item	Name
1	Tube	4	Loose Flange
2	Braid	5	Press Cover
3	Stub End	6	Back-up Ring

## For Vacuum (Single Braid)

Item	Name	Item	Name
1	Tube	5	Vacuum Sleeve
2	Braid	6	Tube Ring
3	Stub End	7	Back-up Ring
4	Loose Flange		



## DTF-2100 For Low/Middle Pressure (Single Braid)

## DTFV-2100 For Vacuum (Single Braid)

**Standard Specification** Other sizes than listed on the below table, can be produced. Please inquire us.

NB	Hose ID (squeezed)	Hose OD	Hose ID (opening)	Max. Working Pressure (Mpa)	Min. Bending Radius (mm)	Max. Length (m)
20A	20.0	28	20.0	0.98	50	50
25A	25.0	34	25.0	0.98	60	50
32A	32.0	42	32.0	0.98	80	50
40A	37.0	47	37.0	0.98	100	50
50A	50.0	61	50.0	0.98	125	50
65A	63.0	82	63.0	0.98	175	30
80A	74.0	92	74.0	0.98	200	30
100A	100.0	125	100.0	0.98	250	20

- Other sizes than listed on the left table, can be produced. Please inquire us.
- Standard material of tube is PTFE.
- Also producible by PFA but hose ID/OD will slightly change.
- Anti-Static type is also available. For size and dimension, please inquire us.
- Over-all length can be shortened as far as possible. Please consult us.
- For Vacuum type is also available.
- Under-ground use is also available.
- Fitting fixing may change depending on over-all length.
- Pressure shows for single braid.
- Max. Working Pressure shown on the left table is at normal temperature.

Outer spring type is also available. (Fitting can be changed.) (Available for over-all spring and both ends spring.)

Ex1: Flange (clinch type) with outer spring.

