

FLEXIFLOW[®]

CONVOLUTED STAINLESS STEEL BRAIDED HOSE

A flexible alternative to rigid lines

- Eliminates vibrations and noise
- Compensates for misalignment
- Access difficult/confined spaces
- High temperature resistance

General Applications

Potable Water
Heating
Cooling
Compressed Air
Solar Thermal
Fire Protection

Process Water
Wastewater
Steam*
*suitable for limited
steam applications

- Stocked Diameters: 15, 20, 25, 40, 50, 65, 75, 100 and 150mm

FlexiFlow tags with

- Working Pressure
- Manufacture Date/Batch #
- Test Standard (ISO 10380)
- Code, Size and Grade

Stainless 304 External Braid

Prevents longitudinal expansion and increases the pressure rating of the hose

Stainless Steel Grade 316 convoluted internal tube

1x Pneumatic test
1x Hydro test (1.5 x WP)

- Stocked lengths 300, 500, 750, 1000mm - Custom lengths available

(PTFE internal available
for chemical resistance)



*Terms & Conditions Apply



THEMETALCOMPANY

TALK 0508 304 316

VIEW themetalconpany.co.nz

TYPE sales@themetalconpany.co.nz

MULTIPLE END CONNECTIONS



RapidPress



Flange



Tube or Pipe
Weld



BSP



Tri Clover



RJT Male &
Female



Custom
Fittings

STAINLESS FLEXIFLOW PARAMETERS

SIZE	MINIMUM BEND RADIUS 'MM'		WORKING TEMPERATURE	MAXIMUM WORKING PRESSURE 'BAR'											MAXIMUM TEST PRESSURE 'BAR'	BURST PRESSURE 'BAR'
	STATIC	FLEXING		-100°C to 20°C	50°C	100°C	150°C	200°C	250°C	300°C	350°C	400°C	450°C	500°C to 550°C		
15NB	45	140	-100°C to 550°C	78	68	57	52	48	45	42	40	39	37	36	117	313
20NB	70	170	-100°C to 550°C	62	54	45	41	38	35	33	32	31	29	29	93	251
25NB	85	190	-100°C to 550°C	49	43	36	32	30	28	26	25	24	23	23	73	196
32NB	105	260	-100°C to 550°C	39	34	28	26	24	22	21	20	19	18	18	58	196
40NB	130	300	-100°C to 550°C	34	29	25	22	21	19	18	17	17	16	15	51	137
50NB	160	320	-100°C to 550°C	29	25	21	19	17	16	15	15	14	13	13	43	117
65NB	180	410	-100°C to 550°C	23	20	17	15	14	13	12	11	11	11	10	34	94
80NB	200	450	-100°C to 550°C	17	14	12	11	10	9	9	8	8	8	7	25	70
100NB	290	560	-100°C to 550°C	15	13	11	10	9	8	8	7	7	7	7	22	62
125NB	325	710	-100°C to 550°C	13	11	9	8	8	7	7	6	6	6	6	19	54
150NB	380	815	-100°C to 550°C	9	7	6	6	5	5	4	4	4	4	4	13	39
200NB	500	1015	-100°C to 550°C	7	6	5	4	4	4	3	3	3	3	3	10	31

PTFE FLEXIFLOW PARAMETERS

SIZE	MINIMUM BEND RADIUS 'MM'	WORKING TEMPERATURE	MAXIMUM WORKING PRESSURE 'BAR'					MAXIMUM TEST PRESSURE 'BAR'	BURST PRESSURE 'BAR'
	STATIC		-60°C to 100°C	150°C	200°C	250°C	260°C		
25NB	85	-65°C to 230°C	16	14	13	11	12	24	64
40NB	155	-65°C to 230°C	16	14	13	11	12	24	64
50NB	200	-65°C to 230°C	16	14	13	11	12	24	64



Supplying to all of **New Zealand**

TALK 0508 304 316
VIEW themetalcompany.co.nz
TYPE sales@themetalcompany.co.nz