

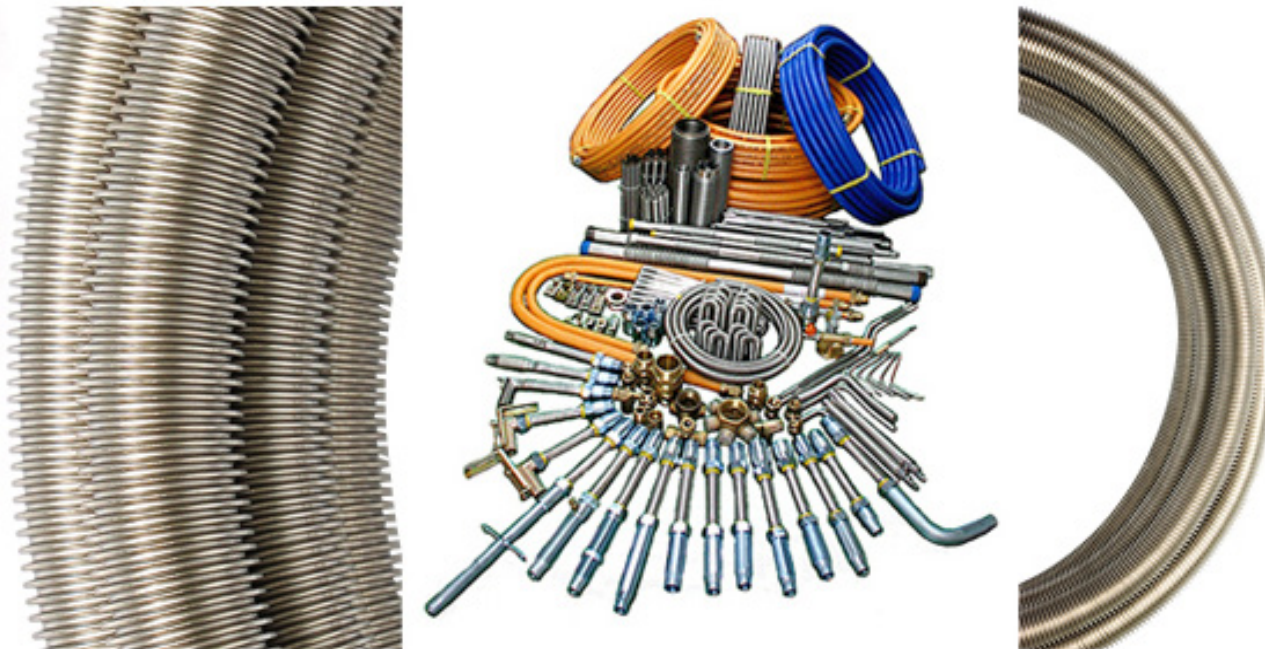
# Flexible Tubes & Fittings for Industrial use (Model-001 & Model-002)

## Flexible tubes & Fittings for Industrial use (Model-001 & Model-002)

These corrugated tubes are made of stainless steel or copper and are named as stainless corrugated tube, metal bellows, stainless flexible tube or metal hose.

Flexible tubes are used as flexible joints absorbing vibration of piping system and dislocation of the pipes. They are also used for gas pipes inside buildings and pipes for drinking water.

Metal flexible tubes are classified into two types: annular type and helical type. A tube of annular type has an excellent flexibility and is easy to be connected with joint while it has a drawback of strong fluid resistance. A tube of helical type is not as flexible as annular type tubes and connection with the joints is quite complicated. But it has less fluid resistance compared with annular type tube and has an excellent spring characteristics. So, one of the two types can be selected and used depending on the usage.



## Flexible tubes & Fittings for Industrial use (Model-001 & Model-002)

### Product Specification

MODEL-001 ANNULAR TYPE TUBES AISI 304, 316L 321	Nominal Diameter	Thickness	O.D.(mm)	I.D.(mm)	No. of Pitch (EA/M)	Length (m)	Min. Bending Radius (mm)	Breaking Pressure (kgf/cm <sup>2</sup> ) (Non Braid)	Max. Working Pressure (kgf/cm <sup>2</sup> )	Breaking Pressure (kgf/cm <sup>2</sup> ) (Braided)
	DN15(1/2")	0.2t~ 0.3t	17.4~ 17.8	12.7~ 13.1	400±3	25, 50 (Max. Length 300)	30	210	13	280
	DN20(3/4")	0.25t~ 0.3t	26.8~ 27.2	20.6~ 21	280±3		40	160	12	200
	DN25(1")		32.9~ 33.3	26.6~ 27	315~335		50	140	10	180
	DN32(1¼")	0.3t	39.6~ 40.4	33.0~ 33.4	267~273		80	120	8	160
	DN40(1½")	0.4t	45.9~ 46.3	37.9~ 38.3	244~249		120	110	8	150
	DN50(2")		60.5~ 60.9	52.0~ 52.4	224~229		150	100	8	130

## Flexible tubes & Fittings for Industrial use (Model-001 & Model-002)

### Product Specification

MODEL-002 HELICAL TYPE TUBES AISI 304, 316L 321	Nominal Diameter	Thickness	O.D.(mm)	I.D.(mm)	No. of Pitch (EA/M)	Length (m)	Min. Bending Radius (mm)	Breaking Pressure (kgf/cm <sup>2</sup> ) (Non Braid)	Max. Working Pressure (kgf/cm <sup>2</sup> )	Breaking Pressure (kgf/cm <sup>2</sup> ) (Braided)
	DN8(1/4")	0.25t~ 0.3t	12.3~ 12.55	8.3~ 8.55	380±3	25, 50 (Max. Length 300)	20	380	20	570
	DN10(3/8")		15.63~ 15.88	10.8~ 11.05	354±3		25	300	18	350
	DN15(1/2")		18.44~ 18.69	13.5~ 13.75	335±3		30	210	13	280
	DN20(3/4")		25.33~ 25.58	19.3~ 19.55	295±3		40	160	12	200
	DN25(1")	0.3t	32.50~ 32.80	25.4~ 25.7	230±1		50	140	12	180
	DN32(1¼")	0.4t	39.80~ 40.10	31.7~ 32	210±1		80	120	10	160
	DN40(1½")		49.2~ 49.5	38.9~ 39.3	180±1		120	110	10	150
	DN50(2")		63.3~ 63.6	52.1~ 52.4	170±1		150	100	10	130

## Certifications

