



**INDUSTRIAL HOSES  
BRAIDED AND NON-BRAIDED HOSES**



HOSE DIMENSIONS	BOBBIN	DN	LENGTH (m)
		COIL	6-25
		32-50	25
		100	10
	BOBBIN	12	1000
		16	750
		20	500
		25	320

### APPLICATION AREAS

Heating, air conditioning and ventilization applications  
Chemical and petrochemical plants  
Oil and gas processing ship building and drilling  
Food processing

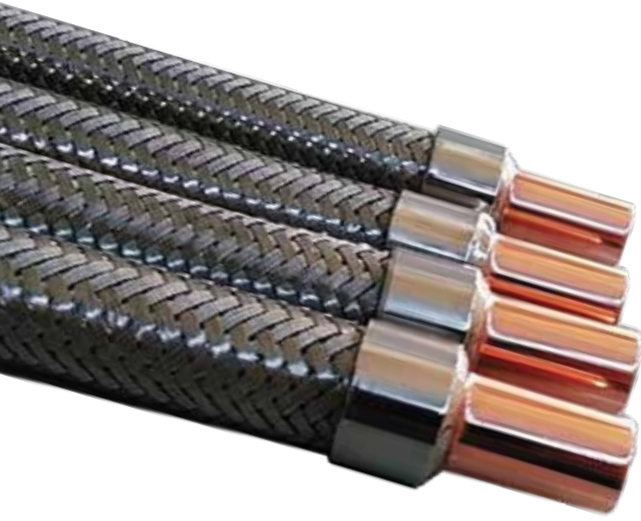
### PRODUCT SPECIFICATION

Hose Type Standard and open pitch corrugated metal hose  
Hose Material Stainless Steel AISI 316L / 304  
AISI 321 also available upon request

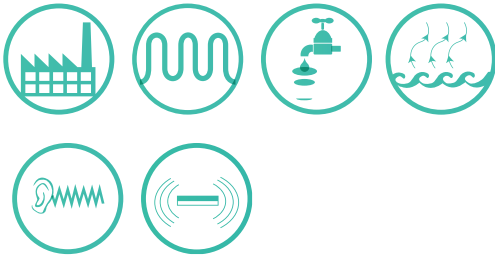


STANDARD CORRUGATED HOSE DIMENSIONS							
DN	Model	Internal Diameter	Outer Diameter	Tolerance	Minimum Bending Radius	Nominal Bending Radius	Nominal Pressure ( PN) DIN EN ISO 10380/SF4
		mm	mm	mm	rmin (mm)	rn (mm)	
6	Non-braided	6,3	9,9	0,2	15	80	25
	Braided		11		25		150
8	Non-braided	7,7	11,3	0,2	16	120	20
	Braided		12,3		32		100
10	Non-braided	10,1	14,4	0,2	18	130	16
	Braided		15,5		38		100
12	Non-braided	12,2	16,2	0,2	20	140	10
	Braided		17,5		45		65
16	Non-braided	15,6	20,8	0,2	28	160	6
	Braided		22,1		58		65
20	Non-braided	18,8	24,9	0,2	32	170	4
	Braided		26,2		70		40
25	Non-braided	24,6	31,3	0,2	40	190	4
	Braided		32,7		85		50
32	Non-braided	33,7	41,1	0,3	50	260	2,5
	Braided		42,8		105		25
40	Non-braided	40,8	49,8	0,3	60	300	2,5
	Braided		51,2		130		40
50	Non-braided	51,5	60,4	0,3	70	320	0,5
	Braided		62,7		160		25
65	Non-braided	66,1	78,2	1	115	460	0,5
	Braided		81,5		200		25
80	Non-braided	80,7	94,8	1	130	660	0,5
	Braided		98		240		16
100	Non-braided	99,5	115,4	1	160	750	0,5
	Braided		118,8		290		10

OPEN PITCH CORRUGATED HOSE DIMENSIONS							
12	Non-braided	11,8	15,8	0,2	20	165	16
16	Non-braided	16,6	21,4	0,2	25	195	10
20	Non-braided	20,9	26,4	0,2	30	225	10
25	Non-braided	25,1	31,8	0,3	35	260	6
32	Non-braided	32,8	39,6	0,3	40	300	4



	DN	CONNECTION	LENGTH (mm)	TS(C)		PS (bar)
				Min	Max	
HOSE DIMENSIONS	6	M6	230±5	-100	+250	35
		1/4"	230±5			
	8	M8	230±5			
		3/8"	230±5			
	10	M10	230±5			
		M12	230±5			
	12	1/2"	230±5			
		M15	255±5			
		M16	255±5			
	16	5/8"	255±5			
		M18	255±5			
		3/4"	255±5			
		M22	290±5			
	20	7/8"	290±5			
		M28	330±5			
	25	1 1/8"	330±5			
		M35	375±5			
	32	1 3/8"	375±5			
		M42	430±5			
	40	1 5/8"	430±5			
M54		510±5				
50	2 1/8"	510±5				



**APPLICATION AREAS**

- Vibration absorption of refrigerating units
- Pressured systems
- Pumps, motors, machines, compressors
- Gas and water supply



**PRODUCT SPECIFICATION**

- Hose Type: Standard corrugated metal hose
- Hose Material: Stainless Steel AISI 316L / 304
- Braiding Material: Stainless Steel AISI 304
- Fittings Material: Copper
- Fittings Types: Welded End

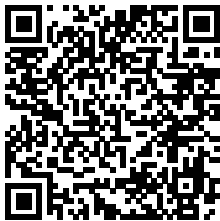


**APPLICATION AREAS**

- Hot and cold water applications
- Super-heated steam and oil applications
- Heating of manufacturing lines
- Pipeline bridges
- Heating of pressured vessels and tanks
- Cooling systems and transporting relevant fluids
- Gas applications

**PRODUCT SPECIFICATION**

- |  |                    |
|--|--------------------|
| Standard corrugated metal hose             | Hose Type          |
| Stainless Steel AISI 316L / 304            | Hose Material      |
| Stainless Steel AISI 304                   | Braiding Material  |
| Threaded Connections in Malleable Iron     | Fittings Materials |
| Carbon Steel St. 37.2                      | Fittings Types     |
| Internal Threaded (Female) Connection      |                    |
| External Threaded (Male) Nipple Connection |                    |
| Fixed and Swivel Flanged                   |                    |



HOSE DIMENSIONS									
	Type	DN/R	Minimum Bending Radius (rmin) mm	Nominal Bending Radius (rmin) mm	Hose Diameter		Temperature Range (°C)	Max. Operating Pressure	
					Di (mm)	Do (mm)		Gas (bar)	Air Water (bar)
Threaded	DN10 x 3/8"		38	130	10,2	15,7	-10/+300	4	16
	DN16 x 1/2"		58	160	16,2	23,3	-10/+300	4	16
	DN20 x 3/4"		70	170	20,2	28,3	-10/+300	4	16
	DN25 x 1"		85	190	25,5	34,2	-10/+300	4	16
	DN32 x 1 1/4"		105	260	34,2	48,0	-10/+300	4	16
	DN40 x 1 1/2"		130	300	40,1	52,0	-10/+300	4	16
	DN50 x 2"		160	320	50,4	62,6	-10/+300	4	16
Flanged	DN65 x DN65		200	160	65,8	81,2	-10/+300	16	16
	DN80 x DN80		240	660	80,2	98,0	-10/+300	16	16
	DN100 x DN100		290	750	100,0	119,4	-10/+300	16	16