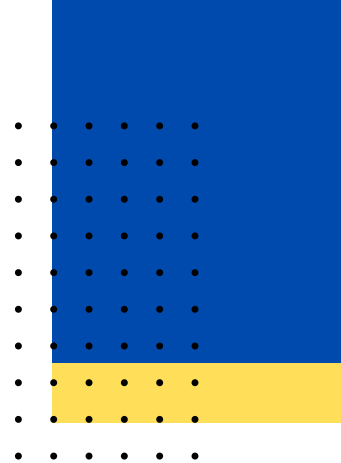


FLEXIBLE METAL HOSES

www.vtflex.com

TABLE OF CONTENT



- About Us
- Flexible Metal Hose
- Products Flex Hose
- Industrial Application Hoses
- Solar Hoses
- Boiler Hoses
- High Pressure Hoses
- Flexible Hose Production Line
- Products Machine
- Installation & Assembly Instruction
- Pressure Loss Diagram



COMPANY OVERVIEW

About Us

VeraciousTech Flex is a leading manufacturer of premium-quality flexible metal hoses in India. Our product line includes boiler hoses, flexible braided and non-braided metal hoses for diverse applications, as well as custom-designed solutions. Additionally, we offer heat exchanger coils mounted on stainless steel frames. VeraciousTech Flex also excels in producing both specialized and standard machines, along with the necessary equipment and tooling.

STRATEGIC DIRECTION

Mission

To be a globally recognized leader in flexible metal hose manufacturing, known for delivering innovative, high-quality products and engineering solutions that exceed customer expectations, while contributing to a more sustainable industrial future.

Vision

Our mission is to provide world-class flexible metal hoses, custom-engineered solutions, and specialized machines that meet the diverse needs of our clients. We are committed to innovation, precision manufacturing, and customer satisfaction, while upholding the highest standards of quality, safety, and environmental responsibility in everything we do.





KNOW MORE

VeraciousTech Flex is a professional company manufacturing high quality flexible metal hoses in India. Our product range consists of boiler hoses, flexible braided/non-braided metal hoses for various applications, as well as custom designed hoses. In addition to these, we provide heat exchanger coils over stainless steel frames. VeraciousTech Flex also specializes in the production of special and standard machines with their equipment's and tool making.

We also provide the following products between different special and standard machines and equipment:

- Stainless steel flexible hose producing machines
- Stainless steel flexible hose welding machines (multiple and orbital)
- Stainless steel flexible hose testing machines
- Types of standard and special machine tools and equipment
- Other special design machines and tools

Having 20 years of experience in the stainless steel material industry, our company has progressed rapidly to become the pioneer of the sector with its personnel and working approach adopting the concept of quality as a priority and has achieved production as a principle with a customer-oriented solution approach.

Our technical experts and qualified skilled workers make every effort to implement the production process quickly and reliably.

FLEXIBLE METAL HOSE

Stainless steel metal hoses are thin-walled, cylindrical components with a corrugated structure hoses that have gained flexibility and pressure resistance. Stainless steel metal hoses, known for their durability and resistance to corrosion, have a wide range application in steam, water, oil and gas systems.

Based on our experience in the industry, we produce stainless steel metal hoses in different dimensions and designs for our customers worldwide.

Usage Areas

Specially we design flexible metal hoses for applications where environments with high temperature, corrosive chemical, vibration and movement. We provide specific solutions our customers for diameter, length, end configuration, frame design and other design factors.

Boiler Hoses are used for solar boilers and any kind of water heat exchangers. These hoses have had more surface area than smooth tube, thus providing higher heat transfer.



PRODUCTS: FLEX HOSE



VTF01

INDUSTRIAL
APPLICATION HOSES

VTF01

MATERIAL:

AISI 316L (1.4404)

AISI 304 (1.4301)

VTF01

VTF 01 U without braiding

VTF 01 W with braiding

Standard Pitch

Hose Material : AISI 316L (1.4404)

Braid Material : AISI 304 (1.4301)

Sizes: DN 6 - DN 65



VTF 02S

SOLAR
HOSES

VTF 02S

MATERIAL:

AISI 316L (1.4404)

AISI 304 (1.4301)

VTF02S

Wide Pitch

Major area of application:

Solar industry, heating systems.

Hose Material : AISI 316L (1.4404)

Sizes: DN 12 - DN 65

PRODUCTS: FLEX HOSE



VTF02B

BOILER
HOSES

VTF02B

MATERIAL:

AISI 316L (1.4404)

AISI 304 (1.4301)

VTF02B

Wide Pitch

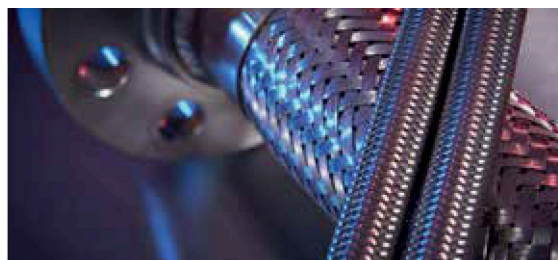
Available with or without end fittings

Fittings can be produced according to customer specifications.

Major area of application: Boilers and Heat Exchanger Coils

Hose Material : AISI 316 L (1.4404)

Sizes: DN 20 - DN 40



VTF03

HIGH PRESSURE
HOSES

VTF03

MATERIAL:

AISI 316L (1.4404)

AISI 304 (1.4301)

VTF03

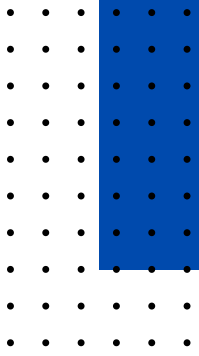
VTF 03 U without braiding

VTF 03 W with braiding

Hose Material : AISI 316L (1.4404)

Braid Material : AISI 304 (1.4301)

Sizes: DN 6 - DN 16

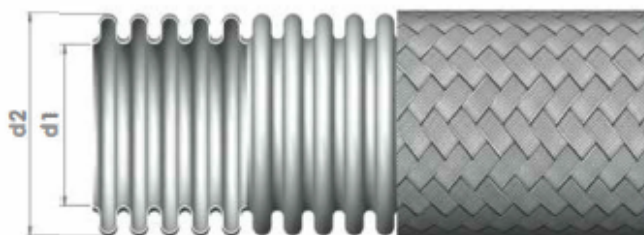


VTF01 INDUSTRIAL APPLICATION HOSES

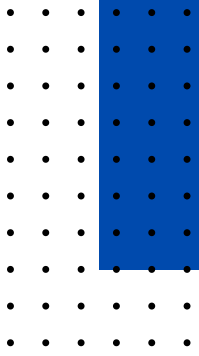


VTF01 INDUSTRIAL APPLICATION HOSES

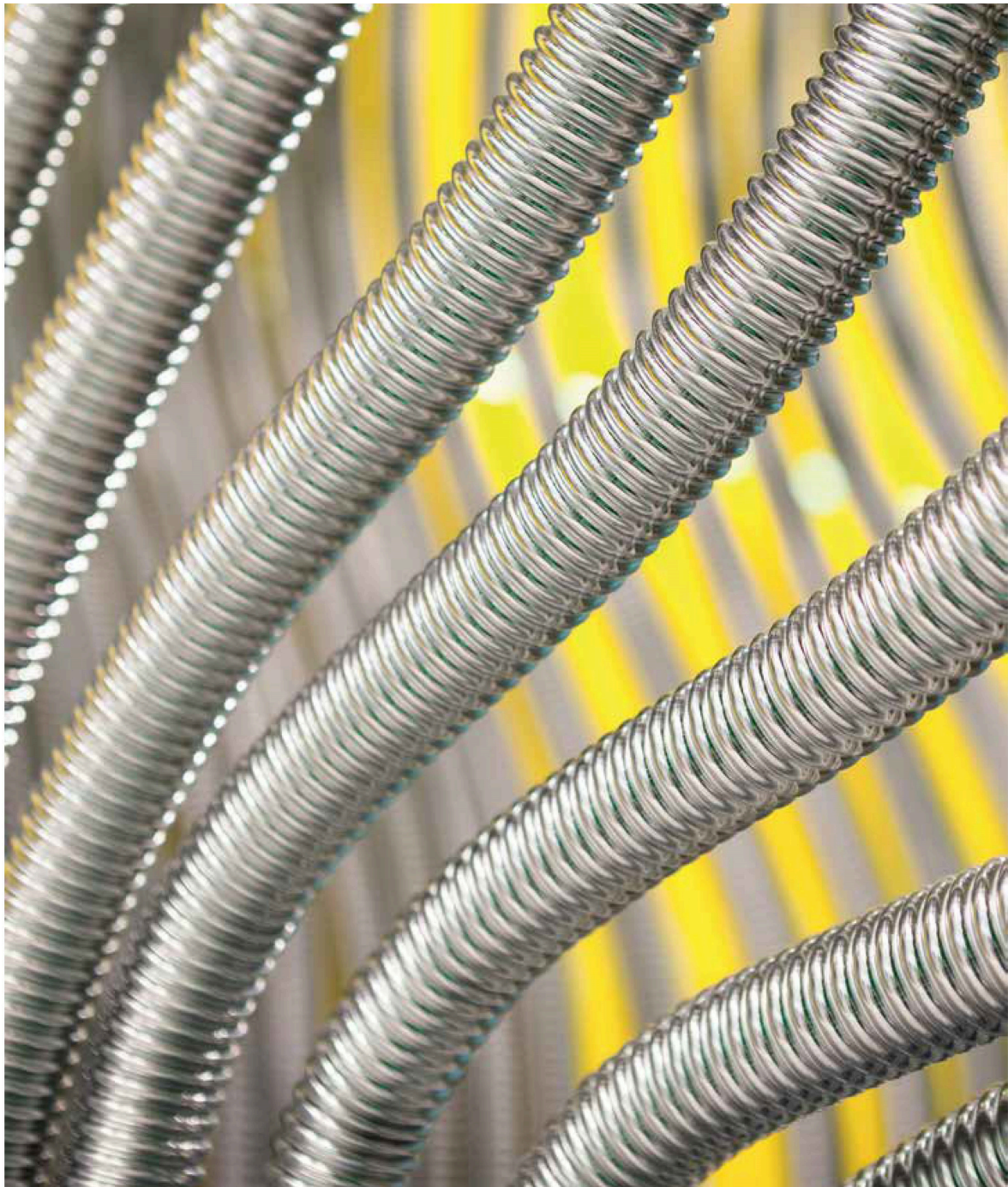
VTF 01 U WITHOUT BRAIDING
VTF 01 W WITH BRAIDING
STANDARD PITCH
HOSE MATERIAL : AISI 316L (1.4404)
BRAID MATERIAL : AISI 304 (1.4301)
SIZES: DN 6 - DN 65



DN		Type	d1	d2	Tolerance	Bend Radius		Working Pressure at 20°C	Weight	Length
						Once-Only	Frequent			
mm	inch		mm	mm	mm	mm	mm	bar	kg/m	m
6	1/4"	VTF 01 U	6,3	9,6	±0,2	15	80	28	0,078	10-100
		VTF 01 W		10,8		25		150	0,145	
8	5/16"	VTF 01 U	8,2	12,2	±0,2	16	125	20	0,087	10-100
		VTF 01 W		13,7		32		125	0,197	
10	3/8"	VTF 01 U	10,3	14,2	±0,2	18	128	10	0,103	10-100
		VTF 01 W		15,7		38		100	0,218	
12	1/2"	VTF 01 U	12,1	16,7	±0,2	20	138	10	0,117	10-100
		VTF 01 W		18,1		45		75	0,244	
16	5/8"	VTF 01 U	16,2	21,6	±0,2	28	160	8	0,177	10-100
		VTF 01 W		23,2		58		65	0,382	
20	3/4"	VTF 01 U	20,3	26,8	±0,2	32	168	5	0,253	10-100
		VTF 01 W		28,4		70		40	0,483	
25	1"	VTF 01 U	25,3	32,3	±0,3	40	190	4	0,337	10-100
		VTF 01 W		34,4		85		65	0,747	
32	1 1/4"	VTF 01 U	34,3	41,1	±0,3	50	255	2,5	0,497	10-100
		VTF 01 W		43,2		105		25	0,891	
40	1 1/2"	VTF 01 U	40,2	49,8	±0,3	60	295	2,5	0,706	10-100
		VTF 01 W		52,2		130		40	1,395	
50	2"	VTF 01 U	50,3	60,4	±0,4	70	320	1,5	0,895	10-100
		VTF 01 W		62,7		160		30	1,652	
65	2 1/2"	VTF 01 U	65,9	77,6	±1,0	115	460	1,3	1,15	10-30
		VTF 01 W		81		210		25	2,45	

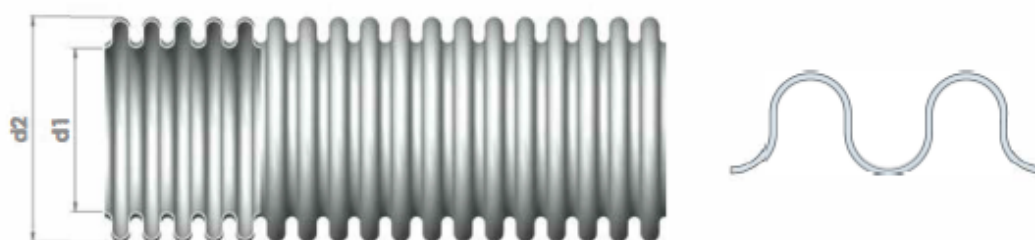


VTF02S SOLAR HOSES

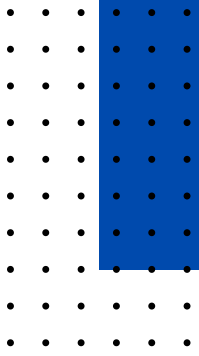


VTF02S SOLAR HOSES

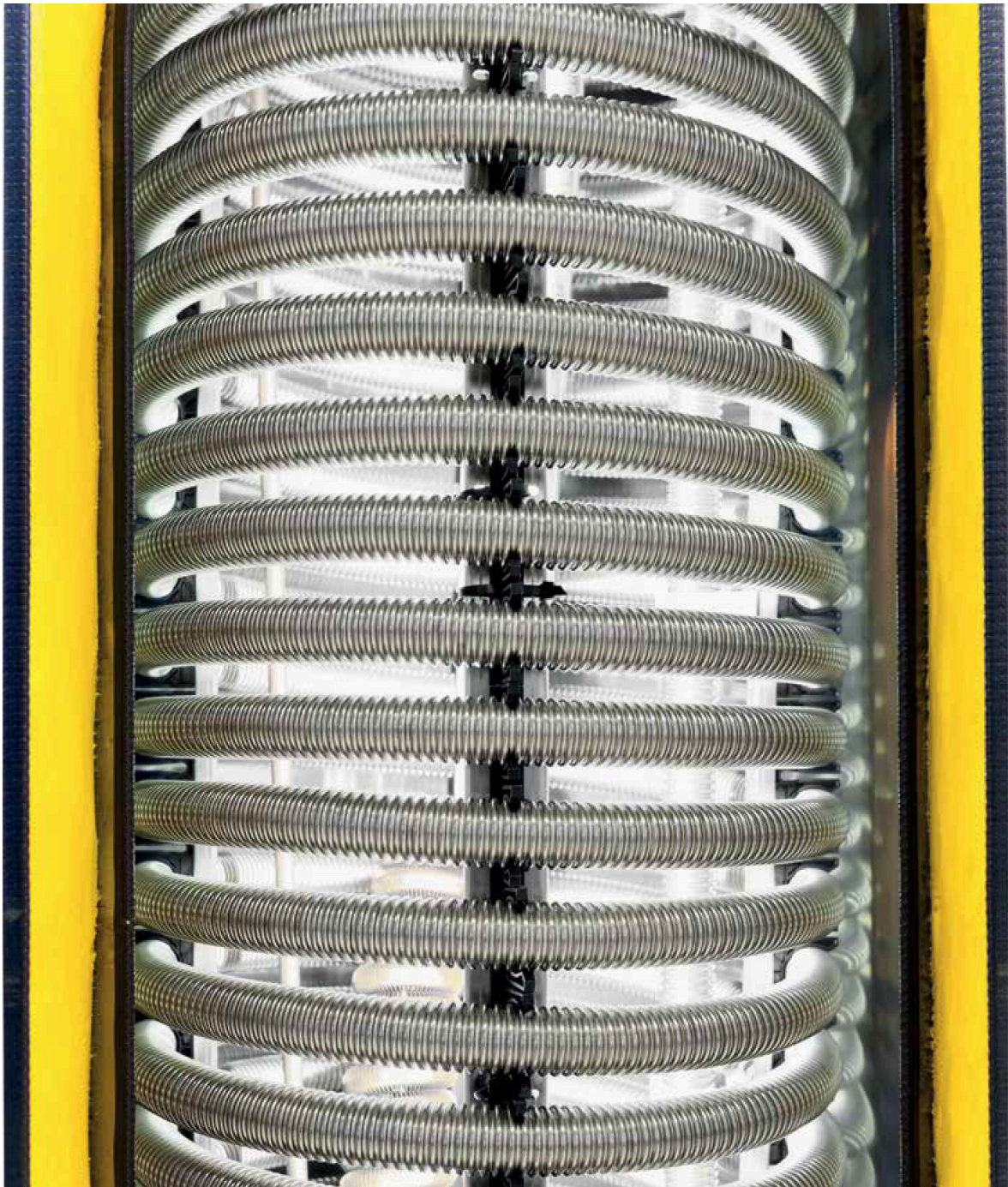
WIDE PITCH
MAJOR AREA OF APPLICATION:
SOLAR INDUSTRY, HEATING SYSTEMS.
HOSE MATERIAL : AISI 316L (1.4404)
SIZES: DN 12 - DN 65



DN		Type	d1	d2	Tolerance	Bend Raius Once-Only Bending	Working Pressure at 20°C	Surface Area	Weight	Lenght
mm	inch		mm	mm	mm	mm	bar	m²/m	kg/m	m
12	1/2"	VTF 02S	12,4	16,5	±0,3	20	21	0,072	0,085	10-100
16	5/8"	VTF 02S	16,3	21,4	±0,3	25	16	0,096	0,136	10-100
20	3/4"	VTF 02S	20,4	26,7	±0,3	30	10	0,136	0,192	10-100
25	1 "	VTF 02S	25,4	31,9	±0,4	35	10	0,174	0,273	10-100
32	1 1/4"	VTF 02S	34,5	41,1	±0,4	40	4	0,203	0,350	10-100
40	1-1/2"	VTF 02S	40,5	49,6	±0,4	50	4	0,285	0,560	10-100
50	2"	VTF 02S	50,7	60,1	±0,5	60	3	0,350	0,686	10-100
65	2 1/2"	VTF 02S	65,9	77,5	±1,0	120	3	0,490	1,050	10-20



VTF02B BOILER HOSES



VTF02B BOILER HOSES

WIDE PITCH

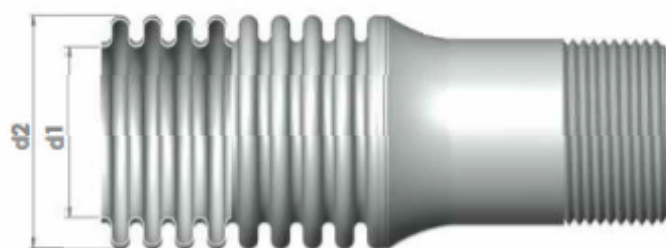
AVAILABLE WITH OR WITHOUT END FITTINGS

FITTINGS CAN BE PRODUCED ACCORDING TO CUSTOMER SPECIFICATIONS. MAJOR AREA OF APPLICATION:

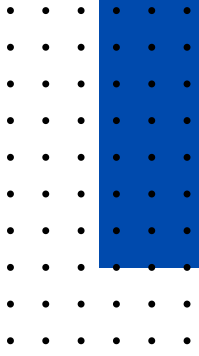
BOILERS AND HEAT EXCHANGER COILS

HOSE MATERIAL : AISI 316L (1.4404)

SIZES: DN 20 - DN 40



DN		Type	d1	d2	Tolerance	Working Pressure at 20°C	Surface Area	Weight	Length
mm	inch								
20	3/4"	VTF 02B	20,4	26,7	±0,3	16	0,130	0,305	10-100
25	1 "	VTF 02B	25,4	31,9	±0,4	12	0,191	0,382	10-100
32	1 1/4"	VTF 02B	34,5	41,1	±0,4	10	0,221	0,553	10-100
40	1 1/2"	VTF 02B	40,5	49,6	±0,4	10	0,255	0,800	10-100

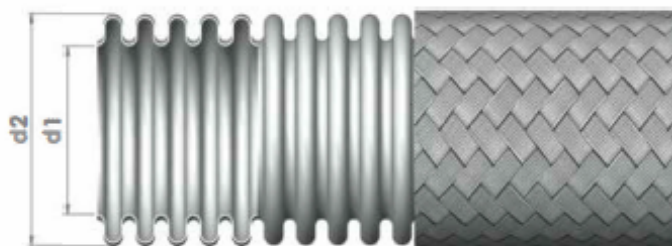


VTF03 HIGH PRESSURE HOSES



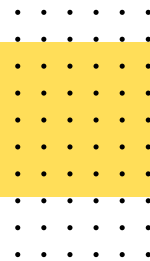
VTF03 HIGH PRESSURE HOSES

VTF 03 U WITHOUT BRAIDING
VTF 03 W WITH BRAIDING
HOSE MATERIAL : AISI 316L (1.4404)
BRAID MATERIAL: AISI 304 (1.4301)
SIZES: DN 6 - DN 16

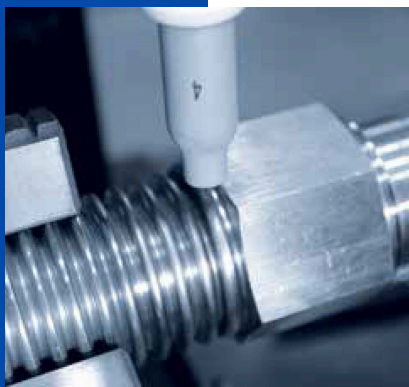


DN		Type	d1	d2	Tolerance	Bend Radius		Working Pressure at 20°C	Weight	Length
mm	inch					Once-Only	Frequent			
			mm	mm	mm	mm	mm	bar	kg/m	m
6	1/4"	VTF 03 U	6,1	10,2	±0,3	15	140	43	0,152	10-100
		VTF 03 W		11,6		25		345	0,257	
8	5/16"	VTF 03 U	8,1	12,9	±0,3	20	180	50	0,213	10-100
		VTF 03 W		14,5		32		265	0,365	
10	3/8"	VTF 03 U	10,1	16,1	±0,3	25	220	33	0,295	10-100
		VTF 03 W		17,6		38		220	0,470	
12	1/2"	VTF 03 U	12,1	18,8	±0,3	30	250	32	0,375	10-100
		VTF 03 W		20,4		45		186	0,595	
16	5/8"	VTF 03 U	16,1	24,5	±0,3	40	300	22	0,585	10-100
		VTF 03 W		26,5		58		185	0,945	

PRODUCTS: MACHINE



Orbital
Welding
System



Fittings
Welding
Machine

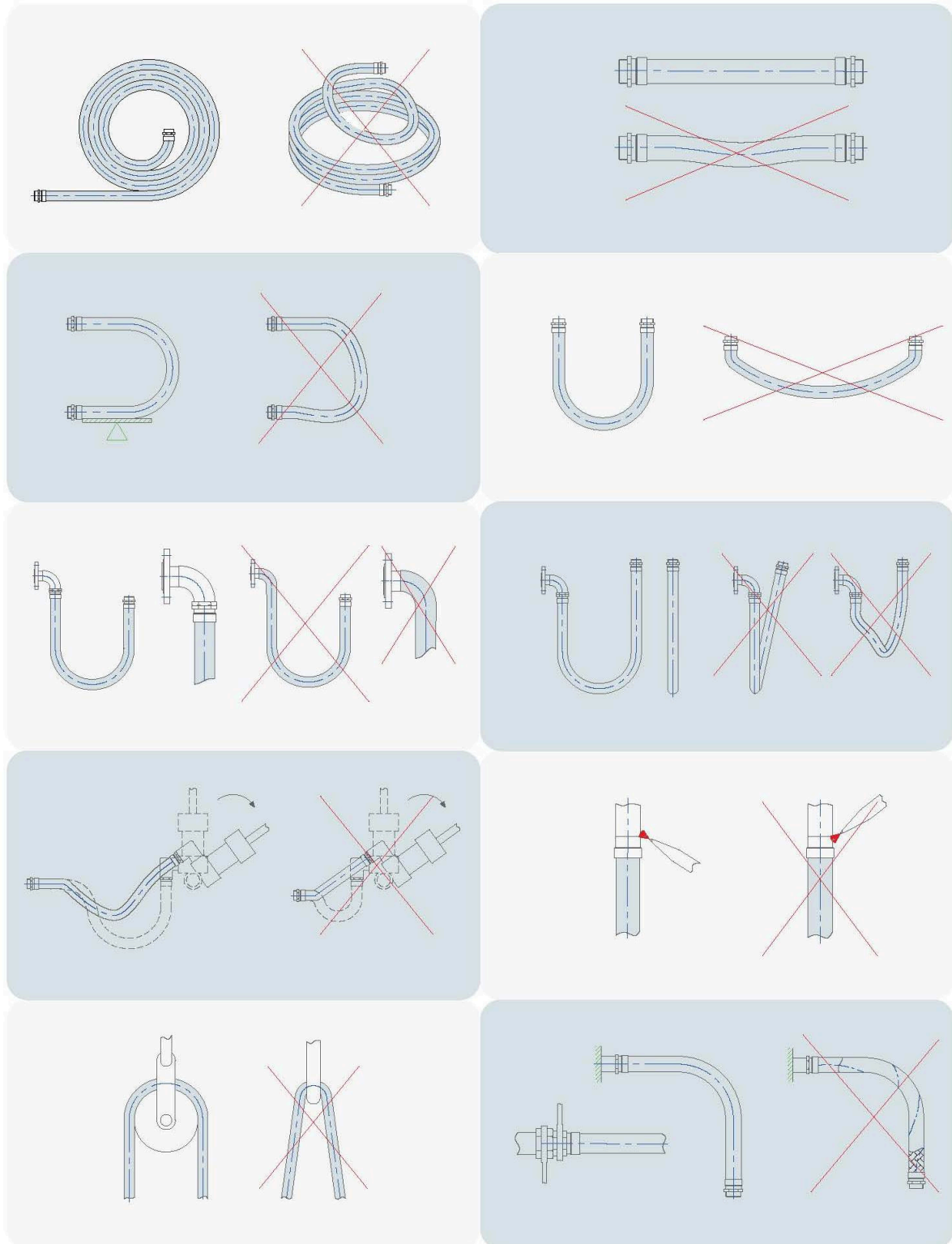


Reel Winding
Machine

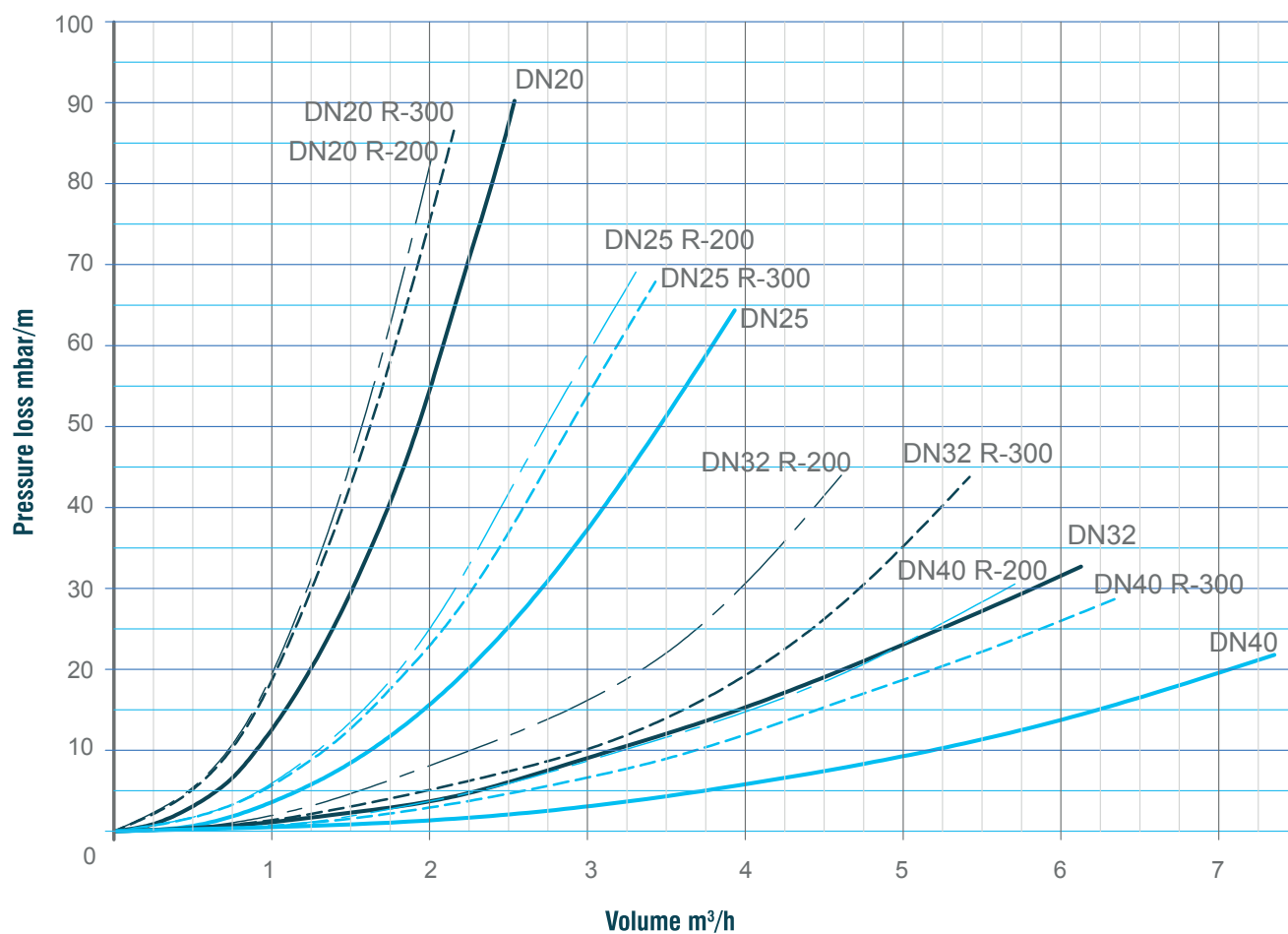


Hose Test
Machine

INSTALLATION & ASSEMBLY INSTRUCTION



PRESSURE LOSS DIAGRAM



Hose Type : TF02 Wide Pitch
 Medium : Water

Line : Straight
 Line : Radius 200 mm
 Line : Radius 300 mm



Ambarnath MIDC, Anand Nagar, Ambarnath, Thane,
Mumbai, Maharashtra, 421501

info@vtflex.com

www.vtflex.com