

VARDHMAN FLEXIBLE HOSES

Partners in Flexible Piping System



Vardhman Flexible Hoses manufacture and supply Stainless-Steel Corrugated Hoses and Assemblies for diversified Industry Applications. Our production and supply of hose range from 6 MM-300 MM with SS Grade 304,316 and 321. Hi-Tech manufacturing facility with quality testing and inspection enable us to provide nearly maintenance free hose with high degree operational safety and long service life.



INDUSTRIES WE SERVE

Our stainless-steel corrugated hoses and assemblies cater to a wide range of industries, including:



Pharmaceuticals



Refineries



Fertilizer



Steel Plant



Steam, Hot water



Railways



Gas & Oil



Power Pump Station



Petrochemical Industry



STAINLESS STEEL CORRUGATED HOSE

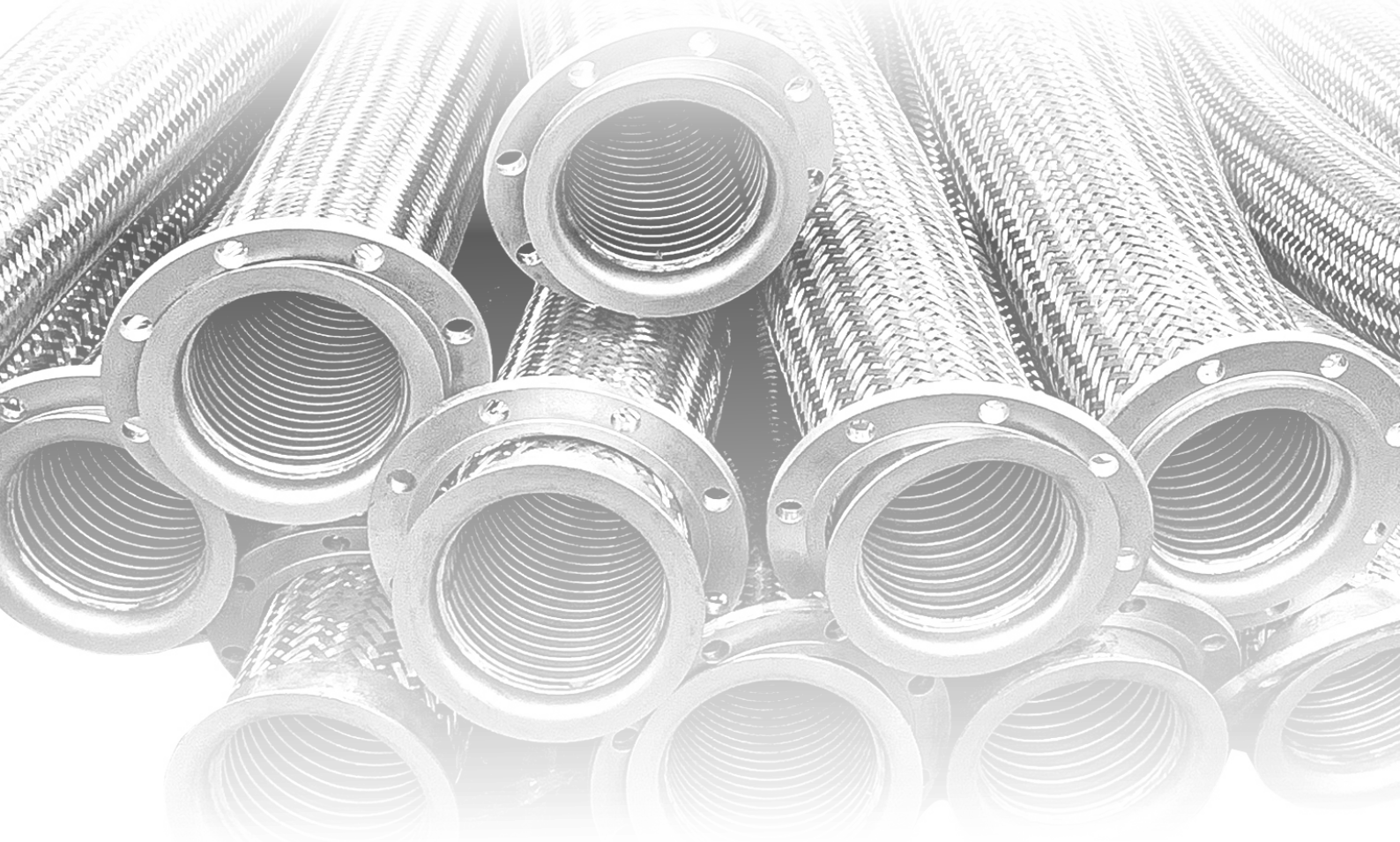
These are pressure tight hose made from the tube or from strip, with corrugation, helical or to the axis of the hose made by deforming the metal, Its flexibility being obtained by bending the corrugations.

It is usually covered with a Stainless Steel Braid to ensure high pressure resistance and control the elongation of the tube.

- **GRADES AVAILABLE :**
SS304, SS304L, SS316, SS316L, SS321
- **APPLICATION :**
BOILERS, PNEUMATIC, RAILWAYS,
WATER AND LIQUIDS TRANSFER
- **TEMPERATURE RANGE :**
-270° C TO 700° C

TECHNICAL SHEET

NOMINAL DIA		O.D MM	CORRUGATION PER MTR.	MACHINE	WIRE BRAIDING	NO. OF WIRE	BRAID COVERAGE (%)	BEND RADIUS		SINGLE WIRE W.P	SINGLE WIRE T.P	SINGLE WIRE B.P
MM	INCH							S	F			
6	1/4"	9.4	471	MECHANICAL	0.25	6	97.1	25	85	110	170	440
8	5/16"	12	422	MECHANICAL	0.25	6	95.2	32	135	100	150	400
10	3/8"	14	380	MECHANICAL	0.25	7	96.3	38	145	90	135	360
12	1/2"	16.7	322	MECHANICAL	0.25	9	95	45	145	80	120	320
16	5/8"	21.6	280	MECHANICAL	0.25	11	97.2	55	165	70	105	280
20	3/4"	26.8	262	MECHANICAL	0.30	9	95.5	65	175	60	95	240
25	1"	32.5	294	MECHANICAL	0.30	10	94.6	80	205	45	75	180
32	1 1/4"	41.04	266	MECHANICAL	0.35	8	93.1	100	265	40	60	160
40	1 1/2"	49.6	184	MECHANICAL	0.35	9	92	130	305	35	50	140
50	2"	59	184	HYDRO	0.40	10	95.2	160	325	30	45	120
65	2 1/2"	81	103	HYDRO	0.40	9	94.5	180	420	24	36	96
80	3"	94.8	96	HYDRO	0.40	10	93.4	200	450	18	27	72
100	4"	116.75	84	HYDRO	0.50	10	91	280	560	16	24	64
125	5"	143.4	80	HYDRO	0.50	11	88.2	320	730	14	21	56
150	6"	169.5	72	HYDRO	0.50	12	87	380	820	10	15	40



STAINLESS STEEL HOSE ASSEMBLIES

For final application of stainless steel corrugated hose, It is connected with end connections which together becomes a hose assembly.

Following is our range of end connections as per user demand :

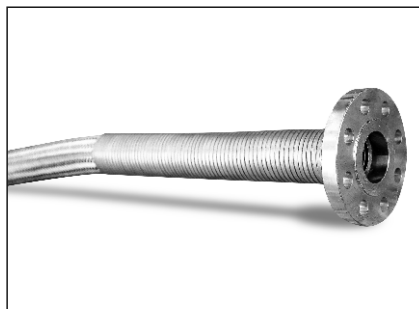
- Flanges end connections (Class-150, Class-300, Table-D etc.)
- Threaded fittings (BSP, BSPT, NPT etc.)
- Camlock and quick release couplings.
- Long pipe ends, elbow reducers etc.
- Various customized fittings as per customer needs.

All Hoses and Assemblies supplied by us are 100% tested and leakproof



THREADED ASSEMBLIES

We offer threaded assemblies in BSP, NPT, UNF, Metric and more with thread sizes up to 100mm.



FLANGED ASSEMBLIES

We offer flanged assemblies in ASA#CLASS 150, 300, B.Std. Table D, E, F.



CUSTOMIZED ASSEMBLIES

We offer our customers various types of special fittings as per their requirements.



PTFE HOSES

PTFE hoses used in heavy duty environments where high temperature, high pressure, chemical resistance and elastic qualities are required.

● APPLICATION :

HIGH TEMPERATURE APPLICATIONS:
 OIL, STEAM, ACID, DIESEL, PETROLEUM,
 CHEMICAL, PHARMA & FOOD INDUSTRY

● TEMPERATURE RANGE :

-65°C TO +260°C

TECHNICAL SHEET

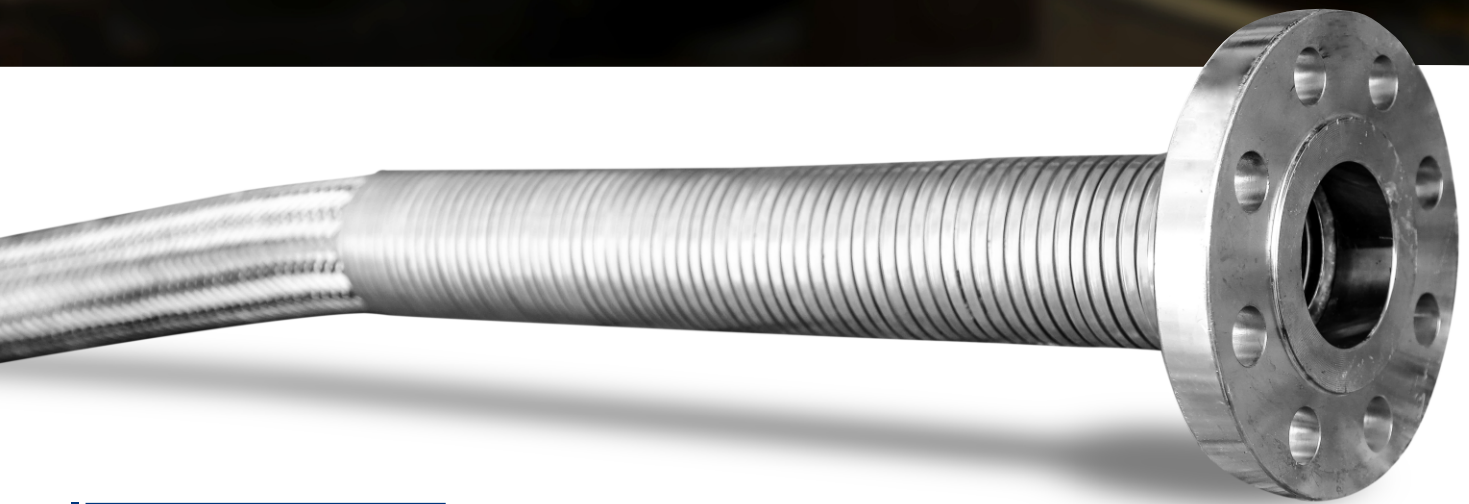
NOMINAL DIA		O.D MM	W.T	NO. OF WIRE	(PSI)	W.P (BAR)
MM	INCH					
3.2	1/8"	6	0.85	6	3263	225
4.8	3/16"	7.6	0.7	6	2936	202.5
6.4	1/4"	9	0.7	7	2501	173
8	5/16"	11	0.7	9	2284	157.5
9.5	3/8"	12.4	0.7	11	1958	135
10.3	13/32"	13.3	0.7	9	1813	125
12.7	1/2"	15.9	0.8	10	1704	117.5
16	5/8"	19.2	0.8	8	1269	87.5
19	3/4"	22.6	1	9	1233	85
22.2	7/8"	26	1	10	1160	80
25.4	1"	29.5	1.1	9	1088	75

WHY US ?

With a mindset of continuous improvement in every aspect, we manufacture hoses using European machines along with advanced testing.

In-house production facility ensures the best quality and services at competitive prices.





CONTACT DETAILS

Please feel free to contact anytime on below mentioned Emails or Phone Numbers

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