



## STAINLESS STEEL HOSE

### Single & Double Braid – Corrugated

	Inside Diameter	Part Number	Outside Diameter	Working Pressure PSI@70°F	Test Pressure PSI@70°F	Burst Pressure PSI@70°F	Constant Flexing	Static Bend	Min. Live Length for Normal Vibration	Weight Lb./Ft.
 <b>MSS 361 Single Braid</b>  CONSTRUCTION: 316L Stainless Steel Butt Welded Tube, Annular Close Pitch Corrugations, Type 304 Stainless Steel Braid	1/4"	MSS361-014	.58"	2750	4125	11000	5"	1"	3-1/2"	.22
	3/8"	MSS361-038	.70"	1960	2490	7840	5-1/2"	1-1/8"	4-1/4"	.31
	1/2"	MSS361-012	.90"	1335	2003	5340	7-1/2"	1-1/2"	4-1/2"	.37
	3/4"	MSS361-034	1.18"	1135	1703	4540	8-1/2"	2-1/8"	5-3/4"	.62
	1"	MSS361-100	1.50"	795	1193	3180	10"	2-3/4"	7"	.81
	1-1/4"	MSS361-125	1.81"	610	915	2440	11-1/2"	3-1/2"	7-1/4"	1.00
	1-1/2"	MSS361-150	2.10"	535	800	2120	13"	4-1/2"	8"	1.41
	2"	MSS361-200	2.74"	535	803	2140	15"	6"	9-1/2"	2.03
	2-1/2"	MSS361-250	3.26"	395	593	1580	17"	6-1/2"	10-1/2"	2.42
	3"	MSS361-300	3.83"	385	578	1540	21"	8-1/2"	11"	3.09
	3-1/2"	MSS361-350	4.38"	315	472	1260	23"	10"	11-1/2"	3.53
	4"	MSS361-400	4.88"	270	405	1080	27"	11"	12"	3.97
	6"	MSS361-600	7.13"	170	255	680	37"	16"	14"	6.37
	8"	MSS361-800	9.25"	235	353	940	42"	19"	16"	9.60
	10"	MSS361-1000	11.25"	260	390	1040	56"	24"	18"	14.01
	12"	MSS361-1200	13.37"	160	240	640	58"	28"	20"	16.30
14"	MSS361-1400	14.62"	150	225	600	66"	35"	22"	17.03	
16"	MSS361-1600	16.62"	110	165	440	74"	40"	25"	18.44	
 <b>MSS 362 Double Braid</b>  CONSTRUCTION: 316L Stainless Steel Butt Welded Tube, Annular Close Pitch Corrugations, Type 304 Stainless Steel Braid	1/4"	MSS362-014	.66"	3935	5903	15740	5"	1"	3-1/2"	.30
	3/8"	MSS362-038	.78"	2740	4110	10960	5-1/2"	1-1/8"	4-1/4"	.41
	1/2"	MSS362-012	.98"	2350	3525	9400	7-1/2"	1-1/2"	4-1/2"	.50
	3/4"	MSS362-034	1.26"	1800	2700	7200	8-1/2"	2-1/8"	5-3/4"	.84
	1"	MSS362-100	1.58"	1365	2050	5460	10"	2-3/4"	7"	1.06
	1-1/4"	MSS362-125	1.89"	1000	1500	4000	11-1/2"	3-1/2"	7-1/4"	1.30
	1-1/2"	MSS362-150	2.18"	955	1430	3820	13"	4-1/2"	8"	1.81
	2"	MSS362-200	2.85"	865	1298	3460	15"	6"	9-1/2"	2.73
	2-1/2"	MSS362-250	3.37"	710	1065	2840	17"	6-1/2"	10-1/2"	3.19
	3"	MSS362-300	3.96"	635	953	2540	21"	8-1/2"	11"	4.23
	3-1/2"	MSS362-350	4.51"	585	878	2340	23"	10"	11-1/2"	4.79
	4"	MSS362-400	5.01"	485	728	1940	27"	11"	12"	5.34
	6"	MSS362-600	7.26"	300	450	1200	37"	16"	14"	8.11
	8"	MSS362-800	9.50"	360	540	1440	42"	19"	16"	13.01
	10"	MSS362-1000	11.50"	280	420	1120	56"	24"	18"	19.81
	12"	MSS362-1200	13.54"	220	330	880	58"	28"	20"	22.81
14"	MSS362-1400	14.86"	190	285	760	66"	35"	22"	23.43	
16"	MSS362-1600	16.86"	170	255	680	74"	40"	25"	24.65	

The corrugated hose is made from strip metal or various alloys. The strip metal is formed into tubes and the edges are inert-arc butt welded. The tube is then corrugated. Corrugated hose is pressure tight and suited to continuous flexing or vibration. Close pitch is standard.

The flexibility of corrugated metal hose is due to the spring-like quality of the corrugations. It will return to its original position when bending forces are removed. However, if the hose is bent beyond its minimum recommended bend radius, the hose will take on a permanent set.

The hose is designed to correct problems involving vibration, temperature variations, misalignment, pipe line expansion and contraction, and offset motion.

**LENGTHS:** Specify when ordering. **FITTINGS:** Specify when ordering.

**COMPLIANCE:** All assemblies 4" I.D. and larger are tested and marked in compliance with U.S. Coast Guard regulations.

**CONVEYANTS HANDLED:** Water for cooling or heating, steam, hydrocarbons, gases and a wide variety of chemicals.

**HOW TO ORDER OR REQUEST QUOTATION:**

- |                         |                       |   |
|-------------------------|-----------------------|---|
| 1. Specify Quantity     | 5. Working Pressure   | 9. Fittings - complete description should include type and metal alloy. |
| 2. I.D. Size            | 6. Temperature        | 10. Special requirements  |
| 3. Overall Length       | 7. Application        |   |
| 4. Hose Type (Part No.) | 8. Media (conveyants) |   |

When products are required to conform to a particular regulation, speculation or application this should be stated on the inquiry/order.

**"Se Habla Español"**

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