

**No. SS3161 - FLEXIBLE METAL HOSE WITH SINGLE BRAID**

**Construction:** 316L stainless steel butt welded tube annular close pitch corrugations, Type 304SS braid



Part Number	Inside Diameter	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 vibration	Weight LB/FT
SS3161-014	1/4"	.58"	2750	4125	11000	5"	1"	3-1/2"	.22
SS3161-038	3/8"	.70"	1960	2490	7840	5-1/2"	1-1/8"	4-1/4"	.31
SS3161-012	1/2"	.90"	1335	2003	5340	7-1/2"	1-1/2"	4-1/2"	.37
SS3161-034	3/4"	1.18"	1135	1703	4540	8-1/2"	2 1/8"	5-3/4"	.62
SS3161-100	1"	1.50"	795	1193	3180	10"	2-3/4"	7"	.81
SS3161-125	1-1/4"	1.81"	610	915	2440	11-1/2"	3-1/2"	7-1/4"	1.00
SS3161-150	1-1/2"	2.10"	535	800	2120	13"	4-1/2"	8"	1.41
SS3161-200	2"	2.74"	535	803	2140	15"	6"	9-1/2"	2.03
SS3161-250	2-1/2"	3.26"	395	593	1580	17"	6-1/2"	10-1/2"	2.42
SS3161-300	3"	3.83"	385	578	1540	21"	8-1/2"	11"	3.09
SS3161-350	3-1/2"	4.38"	315	472	1260	23"	10"	11-1/2"	3.53
SS3161-400	4"	4.88"	270	405	1080	27"	11"	12"	3.97
SS3161-600	6"	7.13"	170	255	680	37"	16"	14"	6.37
SS3161-800	8"	9.25"	235	353	940	42"	19"	16"	9.60
SS3161-1000	10"	11.25"	260	390	1040	56"	24"	18"	14.01
SS3161-1200	12"	13.37"	160	240	640	58"	28"	20"	16.30
SS3161-1400	14"	14.62"	150	225	600	66"	35"	22"	17.03
SS3161-1600	16"	16.62"	110	165	440	74"	40"	25"	18.44

**Accord** offers a complete line of annular corrugated metal hose in a wide variety of alloys, sizes and extra long unsegmented lengths. Our standard alloy is 316L stainless steel. Our standard stock sizes range from 1/4" - 16" ID with larger sizes produced on order. Our staff will gladly assist you in the proper selection and application of standard flexible hose, special applications or prototypes. Accord is a fully equipped facility specializing in the fabrication of hose assemblies. 304 and 321 stainless steel available upon request.

SS3161 corrugated hose is made from strip metal. 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 SS3161 hose is designed to correct problems involving: vibration, temperature variations, misalignment, pipe line expansion and contraction, offset motion.

**Lengths:** Fabricated and fitted to client's individual requirements.

**Fittings:** Specify when ordering.

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

**Conveyants Handled:** Stainless steel corrugated flexible hose is suited for the widest range of industrial duties having superior qualities of flexibility, pressure and temperature capabilities, for conveying water for cooling or heating, steam, hydrocarbons, gases and a wide variety of chemicals.

**How To Order or Request For Quotation:**

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

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