

**MICRON**  
INDUSTRIES INC

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**STAINLESS  
STEEL HOSE  
CATALOGUE**

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**Micron Industries Inc.** a name you have grown to know and trust in the N2 / CO2 equipment maintenance and repair industry, introduces their line of Stainless Steel flexible metal hose assemblies.

Fabricated in Alberta by **Micron Industries Inc.** to meet time sensitive delivery requirements, all assemblies are welded by ABSA certified welders, tested and cleaned for cryogenic use.

**Micron** hose assemblies are made to your custom requirements with a variety of pressure rating and end fittings for your custom needs.

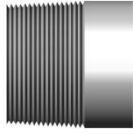
### ***Technical Specifications:***

Nominal ID (In.)	Nominal OD (In.)	Braid Layers	Series	Max. Pressure @70 f(PSIG)			Bend Radius (In.)		Weight /Foot (Lbs.)	Min. Design Temp
				Work	Test	Burst	Dynamic	Static		
1/2"	0.72441	1	700	1,120	1,680	4,480	6.50	1.77	0.251	-320° F
3/4"	1.06299	1	700	792.5	1,188.75	3,170	8.39	2.76	0.35	-320° F
1"	1.37795	1	700	575	862.5	2,300	9.10	3.35	0.522	-320° F
1-1/4"	1.65354	1	700	578.6	867.9	2,314	10.70	4.13	0.662	-320° F
1-1/2"	2.04724	1	700	450	675	1,800	12.20	5.11	0.827	-320° F
2"	2.5	1	700	475	712.5	1,900	15.00	6.89	1.176	-320° F
2-1/2"	3.18898	1	700	357.5	536.25	1,430	18.20	7.87	1.539	-320° F
3"	3.74016	1	700	290.5	435.75	1,162	22.10	9.10	1.75	-320° F
4"	4.6063	2	700	355	532.5	1,420	27.20	11.42	3.44	-320° F
3"	3.77953	1	800	450	675	1,800	26.00	9.10	2.61	-320° F
4"	4.62598	2	800	533	799.5	2,132	29.50	11.42	5.31	-320° F
6"	6.88976	2	800	425	638	1700	95.00	24.00	9.05	-320° F

**Available in T321L or P304SS Stainless Steel Alloy  
Standard Braid is T304SS**

# Fitting Selection And Ordering Information

## A312/WP304L



Sch 80 Male NPT - 01

Size	Wall	Lgth
1/2"	.147"	1.75"
3/4"	.154"	1.75"
1"	.179"	2.00"
1-1/4"	.191"	2.50"
1-1/2"	.200"	2.50"
2"	.218"	6.00"
2-1/2"	.276"	3.00"
3"	.300"	3.00"
4"	.337"	8.00"

## A182/F304L



3000 lb SS Female Threaded Half Coupling - 02

Size	O.D.	Lgth
1/2"	1.125"	1.25"
3/4"	1.375"	1.43"
1"	1.75"	1.63"
1-1/4"	2.25"	1.75"
1-1/2"	2.50"	1.88"
2"	3.00"	2.00"
2-1/2"	3.63"	2.63"
3"	4.25"	2.69"
4"	5.50"	2.94"

## A351/F304L



150 lb SS RFSO Flange - 03

Size	O.D.	Lgth
1/2"	.109	1.75"
3/4"	.113	1.75"
1"	.133	2.00"
1-1/4"	.140"	2.50"
1-1/2"	.145"	2.50"
2"	.154"	2.50"
2-1/2"	.203"	3.00"
3"	.216"	3.00"
4"	.237"	3.00"

## A182/F304L



150 lb SS RFWN Flange - 04

Size	O.D.	Lgth
1/2"	.109	1.75"
3/4"	.113	1.75"
1"	.133	2.00"
1-1/4"	.140"	2.50"
1-1/2"	.145"	2.50"
2"	.154"	2.50"
2-1/2"	.203"	3.00"
3"	.216"	3.00"
4"	.237"	3.00"

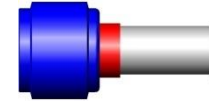
## SA269/T304L



150 lb Floating Flange - 05 CS

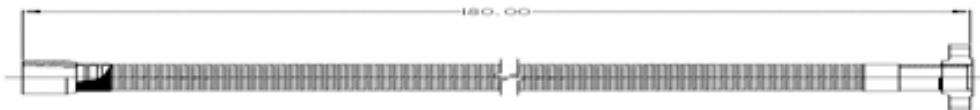
Size	O.D.	Lgth
1/2"	.109	2.00"
3/4"	.113	2.00"
1"	.133	2.00"
1-1/4"	.140"	2.00"
1-1/2"	.145"	2.00"
2"	.154"	2.50"
2-1/2"	.203"	2.50"
3"	.216"	2.50"
4"	.237"	3.00"

## SA269/T304L



Female JIC Swivel 37° - 06 SS Brass Nut - 07  
Stainless Steel Nut - 08

Size	O.D.	Lgth
1/2"	.109	1.50"
3/4"	.113	1.50"
1"	.133	2.00"
1-1/4"	.140"	2.00"
1-1/2"	.145"	2.00"
2"	.154"	2.50"



### To Order:

Specify the ID Size, then the End Fittings desired, then the Overall Length.  
i.e. If the above hose assembly is 4" ID the part number would be: 4.00-02-06-180



**Micron Industries Inc. Is Now a Proud Distributor of**



**Manufactured Fuel Tanks.**

**Micron Industries is Licensed to Inspect and Recertify Fuel Tanks and Mobile IBC's.**



- **All tanks over 450L capacity not used for the drive engine, for example Fracturing, N2 pumbers and all trailer mounted tanks must conform to the transportation of dangerous goods regulations and be inspected every five years by a certified inspection facility.**
- **Micron offers tanks for multiple OEM's including: Kenworth, Freightliner, Western Star and Peterbilt**
- **Micron Industries Inc. can provide inspections and manufactured fuel tanks (Mobile IBC's) that are in full compliance with the TDG act and CAN/CGSB43.146-2002.**
- **DOT and Transport Canada certified cylindrical aluminum fuel tanks come in sizes from 113L – 832L.**

**Contact Us Today For All Your Fuel Tank Requirements!**

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## **Services**

- Complete Cryogenic and CO2 Trailer Testing and repair to Canada Standards B620
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- Stainless Steel Corrugated Metal Hose Assemblies

### **Two Locations to Serve You:**

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 Red Deer, AB, T4P 3R2

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Catalogue: MH0109  
 E-Mail Address: [micronii@telus.net](mailto:micronii@telus.net)

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