



MASON INDUSTRIES, Inc.

MERCER RUBBER Co.

350 Rabro Drive, Hauppauge, NY 11788
Mason- 631/348-0282 • Info@Mason-Ind.com
Mercer- 631/582-1524 • Info@Mercer-Rubber.com
FAX 631/348-0279



JOB NAME _____
CUSTOMER _____
CUSTOMER P.O. _____
MASON M. _____
DWG No. _____

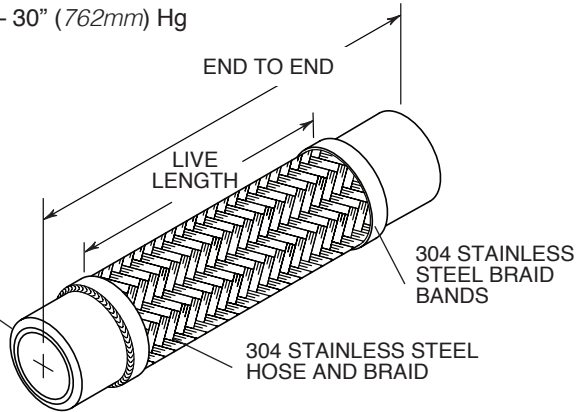
CSAWN

**SS BRAIDED
HOSE with
CARBON STEEL
WELD NIPPLES**

Full Vacuum Rating— 30" (762mm) Hg

CARBON STEEL
SCHEDULE 40
BEVELED
WELD NIPPLES
or as checked below

☐ Stainless Steel



These assemblies have been "CSA International" approved for use on gas pipelines. "CSA International" is the current certification agency for gas industry products, assuming the authority formerly associated with the American Gas Association (AGA).

Our Certification Report is #230720-1764990. This Certification meets all requirements of ANSI/UL #536 2003 Standards for Flexible Metal Hose.

CSAWN DIMENSIONS AND PRESSURE RATINGS (American Units)

Pipe Size (in)	End to End (in)	Live Length (in)	Corrugations per foot	Maximum Permanent Lateral Offset (in)	Rated Pressure @70°F (psi)	Min Burst Pressure (psi)	Safety Factor
1/2	10 1/2	8 1/8	112	1 1/4	175	4300	25
1/2	16 1/2	14 1/8	112	2 1/2	175	4300	25
1/2	22 1/2	20 1/8	112	3 1/2	175	4300	25
1/2	34 1/2	32 1/8	112	16	175	4300	25
3/4	10 1/2	8 1/8	90	1	175	3168	18
3/4	16 1/2	14 1/8	90	2 1/4	175	3168	18
3/4	22 1/2	20 1/8	90	3 1/4	175	3168	18
3/4	34 1/2	32 1/8	90	14	175	3168	18
1	10 1/8	7 5/8	56	3/4	175	3132	18
1	16 1/8	13 5/8	56	2	175	3132	18
1	22 1/8	19 5/8	56	3	175	3132	18
1	34 1/8	31 5/8	56	11	175	3132	18
1 1/4	10	7 1/8	52	5/8	175	2656	15
1 1/4	16	13 1/8	52	1 3/4	175	2656	15
1 1/4	22	19 1/8	52	2 3/4	175	2656	15
1 1/4	34	31 1/8	52	10	175	2656	15
1 1/2	10	7 1/8	46	1/2	175	2284	13
1 1/2	16	13 1/8	46	1 1/2	175	2284	13
1 1/2	22	19 1/8	46	2 1/2	175	2284	13
1 1/2	34	31 1/8	46	9	175	2284	13
2	10	6 3/4	67	1/4	175	2120	12
2	16	12 3/4	67	1 3/8	175	2120	12
2	22	18 3/4	67	2 3/8	175	2120	12
2	34	30 3/4	67	8	175	2120	12
2 1/2	12 1/8	8	55	7/8	175	1724	10
2 1/2	22 1/8	18	55	3	175	1724	10
2 1/2	34 1/8	30	55	7	175	1724	10
3	12 1/8	8	29	3/4	175	1564	9
3	34 1/8	30	29	6	175	1564	9
4	16	10	28	3/4	175	1160	7
4	34	28	28	5	175	1160	7

CSAWN DIMENSIONS AND PRESSURE RATINGS (Metric Units)

Pipe Size (mm)	End to End (mm)	Live Length (mm)	Corrugations per meter	Maximum Permanent Lateral Offset (mm)	Rated Pressure @21°C (kg/cm²)	Min Burst Pressure (kg/cm²)	Safety Factor
15	267	207	367	32	12	302	25
15	419	359	367	63	12	302	25
15	572	512	367	88	12	302	25
15	876	816	367	406	12	302	25
20	267	207	295	25	12	223	18
20	419	359	295	57	12	223	18
20	572	512	295	83	12	223	18
20	876	816	295	356	12	223	18
25	257	194	184	19	12	220	18
25	410	347	184	50	12	220	18
25	562	499	184	75	12	220	18
25	866	804	184	279	12	220	18
32	254	183	171	16	12	186	15
32	406	335	171	44	12	186	15
32	559	488	171	70	12	186	15
32	864	792	171	254	12	186	15
40	254	183	151	13	12	160	13
40	406	335	151	38	12	160	13
40	559	488	151	63	12	160	13
40	864	792	151	229	12	160	13
50	254	173	220	6	12	149	12
50	406	325	220	35	12	149	12
50	559	478	220	60	12	149	12
50	864	782	220	203	12	149	12
65	308	203	180	22	12	121	10
65	562	457	180	75	12	121	10
65	867	762	180	178	12	121	10
80	308	203	95	19	12	109	9
80	876	762	95	152	12	109	9
100	406	254	92	19	12	81	7
100	864	711	92	127	12	81	7

End to End Tolerance: minus 1% plus 3%. Lateral Offset one side of centerline and normal machinery vibration. If intermittent in both directions, reduce by 50%.

QTY	SIZE	TAG

QTY	SIZE	TAG

Certification Form S-537 02/2015

DWN

CHKD

DATE

DWG No.