



MASON INDUSTRIES, Inc.

MERCER RUBBER Co.

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

FFL2B300-UL

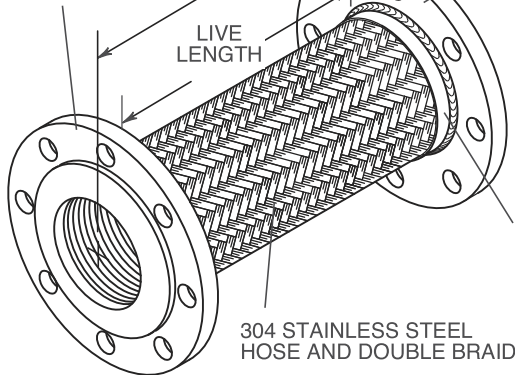
SS DOUBLE BRAIDED HOSE with CARBON STEEL 300# FIXED & FLOATING FLANGES for SPRINKLER and FIRE PROTECTION SYSTEMS

Full Vacuum Rating- 30" (762mm) Hg

CARBON STEEL FLOATING FLANGE
 300 lb ASA Drilling

FACE TO FACE
 LIVE LENGTH
 T

CARBON STEEL RAISED FACE FIXED FLANGE 300 lb ASA Drilling



304 STAINLESS STEEL BRAID BANDS

304 STAINLESS STEEL HOSE AND DOUBLE BRAID

CARBON STEEL PLATE FLANGE THICKNESS

Pipe Size (in)	Pipe Size (mm)	Flange Thickness T (in)	Flange Thickness T (mm)
2 thru 4	50 thru 100	3/4	19
5 thru 6	125 thru 150	1	25
8	200	1 1/4	32

Conforms to UL and NFPA Approved Temperature Range.



FLEXIBLE JOINT FITTINGS
 3VX9



NFPA 13

These flexible joint fitting assemblies are UL Listed under File EX15750 and are intended for installation in accordance with the Mason installation instructions and the applicable requirements in NFPA 13.

Mason Industries ensures for all UL Listed Products:

1. All hose dimensions meet our specifications and dimensions as tabulated.
2. Each assembly is pressure tested using Nitrogen Gas for 1 minute at 1 1/2 times the rated working pressure with no leaks.
3. A metal tag is attached which shows the UL Mark and Identification Number, our name, the location (US), and the Part Number with the approval date (month and year).
4. Two product stickers which show the UL Mark and Identification Number are on each shipping crate.

FFL2B300-UL DIMENSIONS AND PRESSURE RATINGS (American Units)

Type	Pipe Size & Face to Face (in)	Live Length (in)	Corrugations per foot	Maximum Permanent Lateral Offset (in)	Rated Pressure @70°F (psi)
FFL2B300-UL	2 X 12	93/8	58	1	300
FFL2B300-UL	2 X 18	153/8	58	2 1/4	300
FFL2B300-UL	2 X 24	213/8	58	4 1/2	300
FFL2B300-UL	2 1/2 X 12	87/8	48	7/8	300
FFL2B300-UL	2 1/2 X 18	147/8	48	2	300
FFL2B300-UL	2 1/2 X 24	207/8	48	4 1/4	300
FFL2B300-UL	3 X 12	87/8	46	3/4	300
FFL2B300-UL	3 X 18	147/8	46	1 1/2	300
FFL2B300-UL	3 X 24	207/8	46	3 1/2	300
FFL2B300-UL	3 X 36	327/8	46	7	300
FFL2B300-UL	4 X 12	87/8	32	5/8	300
FFL2B300-UL	4 X 18	147/8	32	1 1/4	300
FFL2B300-UL	4 X 24	207/8	32	3	300
FFL2B300-UL	4 X 36	327/8	32	6	300
FFL2B300-UL	5 X 18	141/4	29	1 1/8	300
FFL2B300-UL	5 X 24	201/4	29	2	300
FFL2B300-UL	5 X 36	321/4	29	5	300
FFL2B300-UL	6 X 18	141/4	25	7/8	300
FFL2B300-UL	6 X 24	201/4	25	1 3/4	300
FFL2B300-UL	6 X 36	321/4	25	4	300
FFL2B300-UL	8 X 18	131/2	23	3/4	175
FFL2B300-UL	8 X 24	191/2	23	1 1/4	175
FFL2B300-UL	8 X 36	311/2	23	3 1/2	175

FFL2B300-UL DIMENSIONS AND PRESSURE RATINGS (Metric Units)

Type	Pipe Size & Face to Face (mm)	Live Length (mm)	Corrugations per meter	Maximum Permanent Lateral Offset (mm)	Rated Pressure @21°C (kg/cm²)
FFL2B300-UL	50 X 305	238	190	25	20
FFL2B300-UL	50 X 457	391	190	57	20
FFL2B300-UL	50 X 610	543	190	114	20
FFL2B300-UL	65 X 305	225	157	22	20
FFL2B300-UL	65 X 457	378	157	51	20
FFL2B300-UL	65 X 610	530	157	108	20
FFL2B300-UL	80 X 305	225	151	19	20
FFL2B300-UL	80 X 457	378	151	38	20
FFL2B300-UL	80 X 610	530	151	89	20
FFL2B300-UL	80 X 914	835	151	178	20
FFL2B300-UL	100 X 305	225	105	16	20
FFL2B300-UL	100 X 457	378	105	32	20
FFL2B300-UL	100 X 610	530	105	76	20
FFL2B300-UL	100 X 914	835	105	152	20
FFL2B300-UL	125 X 457	362	95	29	20
FFL2B300-UL	125 X 610	514	95	51	20
FFL2B300-UL	125 X 914	819	95	127	20
FFL2B300-UL	150 X 457	362	82	22	20
FFL2B300-UL	150 X 610	514	82	44	20
FFL2B300-UL	150 X 914	819	82	102	20
FFL2B300-UL	200 X 457	343	75	19	12
FFL2B300-UL	200 X 610	495	75	32	12
FFL2B300-UL	200 X 914	800	75	89	12

Face to Face Tolerance: minus 1% plus 3%. Minimum Burst is four times the Rated Pressure. Safety factor of 4. Lateral Offset one side of centerline and normal machinery vibration. If intermittent in both directions, reduce by 50%.

QTY	SIZE	TAG

QTY	SIZE	TAG