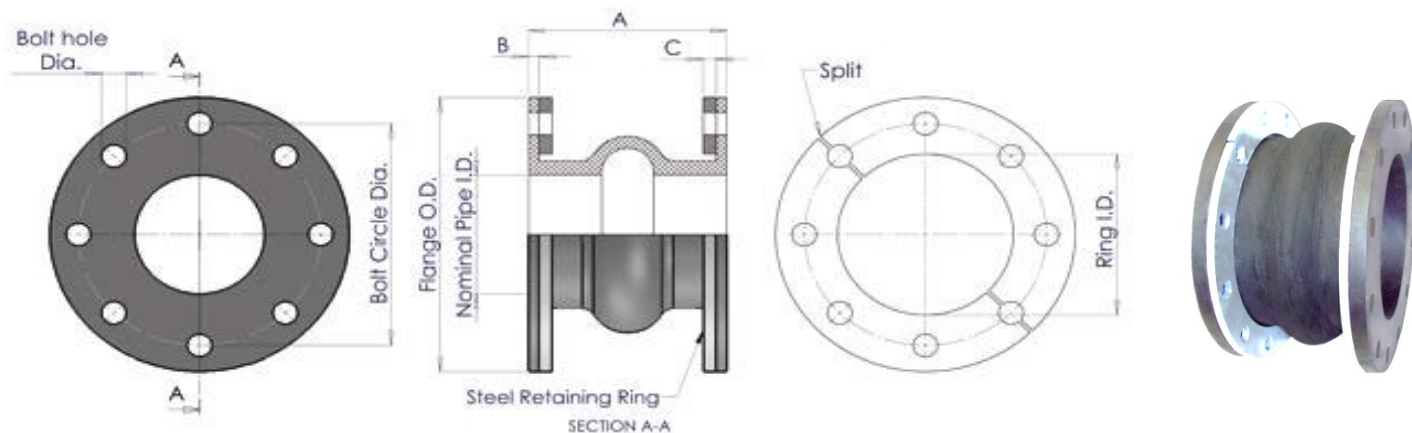


ULTRASPOOL EXPANSION JOINT


EPDM: SIZES 1 1/2" - 36"



The Flexicraft Ultraspool expansion joints are the most versatile rubber expansion joints available. The Ultraspool expansion joints come in diameters from 1" to 120", and can be made with any elastomer material. Because single, double, and triple arch models are available, various movement requirements can be met. Non-standard designs are manufactured as required.

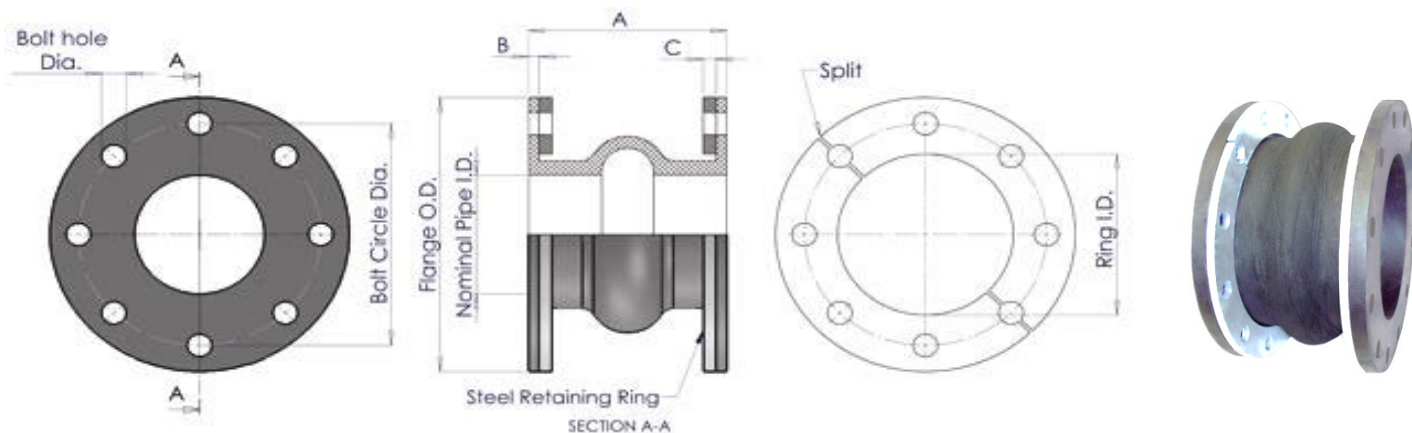
Rubber MaterialEPDM
Ret Ring Material Galv Carbon Steel
Temperature Rating250°F

Dimensions				Pressure/Vacuum		Movement				Physicals		Weight	Product No.
Size	Length A	Rubber Flange	Ret Ring			Axial Comp	Axial Ext	Lateral	Angular	Spring Rate	Effective Area		
in	in	in	in	psi	in Hg	in	in	in	deg	lbs/in	in ²	lbs	
1.5	6	0.472	0.375	200	29	1.2	0.6	0.6	38.6	265	7.5	5.5	USL1EE0150
2	6	0.472	0.375	200	29	1.4	0.7	0.6	34.2	317	12.4	8	USL1EE0200
2.5	6	0.472	0.375	200	29	1.4	0.7	0.6	28.5	397	16	9	USL1EE0250
3	6	0.472	0.375	200	29	1.4	0.7	0.6	24.4	477	19	11	USL1EE0300
4	6	0.472	0.375	200	29	1.4	0.7	0.6	18.8	636	28	16	USL1EE0400
5	6	0.551	0.375	190	29	1.4	0.7	0.6	15.2	793	38	17.5	USL1EE0500
6	6	0.551	0.375	190	29	1.4	0.7	0.6	12.8	953	50	20.5	USL1EE0600
8	6	0.630	0.375	190	26	1.4	0.7	0.6	9.7	1059	78	29.5	USL1EE0800
10	8	0.630	0.375	190	24	1.6	0.8	0.8	9.1	1324	120	40	USL1EE1000
12	8	0.748	0.375	190	20	1.6	0.8	0.8	7.6	1588	162	59	USL1EE1200
14	8	0.866	0.375	130	20	1.6	0.8	0.8	6.5	1390	210	67	USL1EE1400
16	8	0.866	0.375	115	20	1.6	0.8	0.8	5.7	1588	265	81	USL1EE1600
18	8	0.866	0.375	115	20	1.6	0.8	0.8	5.1	1787	326	90	USL1EE1800
20	8	0.984	0.375	115	20	1.6	0.8	0.8	5.6	1987	393	105	USL1EE2000
22	10	0.984	0.375	100	20	2	1	1	5.2	2185	480	114	USL1EE2200
24	10	0.984	0.375	100	20	2	1	1	4.8	2383	562	127	USL1EE2400
26	10	0.984	0.375	90	20	2	1	1	4.4	2295	650	151	USL1EE2600
28	10	0.984	0.375	90	20	2	1	1	4.1	2472	742	157	USL1EE2800
30	10	0.984	0.375	90	20	2	1	1	3.8	2649	842	180	USL1EE3000
32	10	0.984	0.375	90	20	2	1	1	3.6	2827	950	188	USL1EE3200
34	10	0.984	0.375	90	20	2	1	1	3.4	3002	1060	194	USL1EE3400
36	10	0.984	0.375	90	20	2	1	1	3.2	3178	1180	219	USL1EE3600

 "Flexible Piping Solutions"	Proposal/Inquiry/Order No.:	NOTES:
	Customer Name:	
	Project Name:	
	Contractor:	
PRINT CERTIFICATION: Certified Correct As Of: _____ By: _____	The above expansion joints and related hardware, meet or exceed the physical, mechanical or material specifications of the Rubber Expansion Joint Div., Fluid Sealing Association. For additional information, see the Association, "Technical Handbook, Fifth Edition", Chapter II, Paragraph A.1. and Tables II,III, IV.	HAVE CONTROL UNITS BEEN ORDERED FOR THIS INSTALLATION: _____

ULTRASPOOL EXPANSION JOINT


EPDM: SIZES 1 1/2" - 36"



The Flexcraft Ultraspool expansion joints are the most versatile rubber expansion joints available. The Ultraspool expansion joints come in diameters from 1" to 120", and can be made with any elastomer material. Because single, double, and triple arch models are available, various movement requirements can be met. Non-standard designs are manufactured as required.

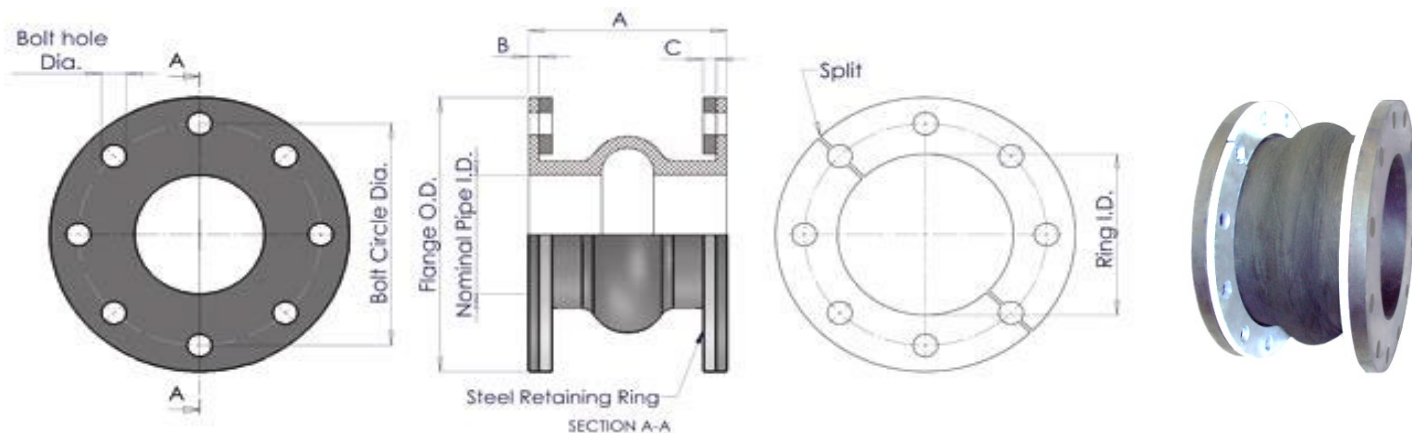
Rubber Material EPDM
 Ret Ring Material 304 SS
 Temperature Rating 250°F

Size	Dimensions			Pressure/Vacuum		Movement				Physicals		Weight	Product No.
	Length A	Rubber Flange	Ret Ring			Axial Comp	Axial Ext	Lateral	Angular	Spring Rate	Effective Area		
in	in	in	in	psi	in Hg	in	in	in	deg	lbs/in	in ²	lbs	
1.5	6	0.472	0.375	200	29	1.2	0.6	0.6	38.6	265	7.5	5.5	USL1EE3040150
2	6	0.472	0.375	200	29	1.4	0.7	0.6	34.2	317	12.4	8	USL1EE3040200
2.5	6	0.472	0.375	200	29	1.4	0.7	0.6	28.5	397	16	9	USL1EE3040250
3	6	0.472	0.375	200	29	1.4	0.7	0.6	24.4	477	19	11	USL1EE3040300
4	6	0.472	0.375	200	29	1.4	0.7	0.6	18.8	636	28	16	USL1EE3040400
5	6	0.551	0.375	190	29	1.4	0.7	0.6	15.2	793	38	17.5	USL1EE3040500
6	6	0.551	0.375	190	29	1.4	0.7	0.6	12.8	953	50	20.5	USL1EE3040600
8	6	0.630	0.375	190	26	1.4	0.7	0.6	9.7	1059	78	29.5	USL1EE3040800
10	8	0.630	0.375	190	24	1.6	0.8	0.8	9.1	1324	120	40	USL1EE3041000
12	8	0.748	0.375	190	20	1.6	0.8	0.8	7.6	1588	162	59	USL1EE3041200
14	8	0.866	0.375	130	20	1.6	0.8	0.8	6.5	1390	210	67	USL1EE3041400
16	8	0.866	0.375	115	20	1.6	0.8	0.8	5.7	1588	265	81	USL1EE3041600
18	8	0.866	0.375	115	20	1.6	0.8	0.8	5.1	1787	326	90	USL1EE3041800
20	8	0.984	0.375	115	20	1.6	0.8	0.8	5.6	1987	393	105	USL1EE3042000
22	10	0.984	0.375	100	20	2	1	1	5.2	2185	480	114	USL1EE3042200
24	10	0.984	0.375	100	20	2	1	1	4.8	2383	562	127	USL1EE3042400
26	10	0.984	0.375	90	20	2	1	1	4.4	2295	650	151	USL1EE3042600
28	10	0.984	0.375	90	20	2	1	1	4.1	2472	742	157	USL1EE3042800
30	10	0.984	0.375	90	20	2	1	1	3.8	2649	842	180	USL1EE3043000
32	10	0.984	0.375	90	20	2	1	1	3.6	2827	950	188	USL1EE3043200
34	10	0.984	0.375	90	20	2	1	1	3.4	3002	1060	194	USL1EE3043400
36	10	0.984	0.375	90	20	2	1	1	3.2	3178	1180	219	USL1EE3043600

 "Flexible Piping Solutions"	Proposal/Inquiry/Order No.:	NOTES: HAVE CONTROL UNITS BEEN ORDERED FOR THIS INSTALLATION: _____
	Customer Name:	
	Project Name:	
Contractor:		
PRINT CERTIFICATION: Certified Correct As Of: _____ By: _____	The above expansion joints and related hardware, meet or exceed the physical, mechanical or material specifications of the Rubber Expansion Joint Div., Fluid Sealing Association. For additional information, see the Association, "Technical Handbook, Fifth Edition", Chapter II, Paragraph A.1. and Tables II, III, IV.	

ULTRASPOOL EXPANSION JOINT


EPDM: SIZES 1 1/2" - 36"



The Flexcraft Ultraspool expansion joints are the most versatile rubber expansion joints available. The Ultraspool expansion joints come in diameters from 1" to 120", and can be made with any elastomer material. Because single, double, and triple arch models are available, various movement requirements can be met. Non-standard designs are manufactured as required.

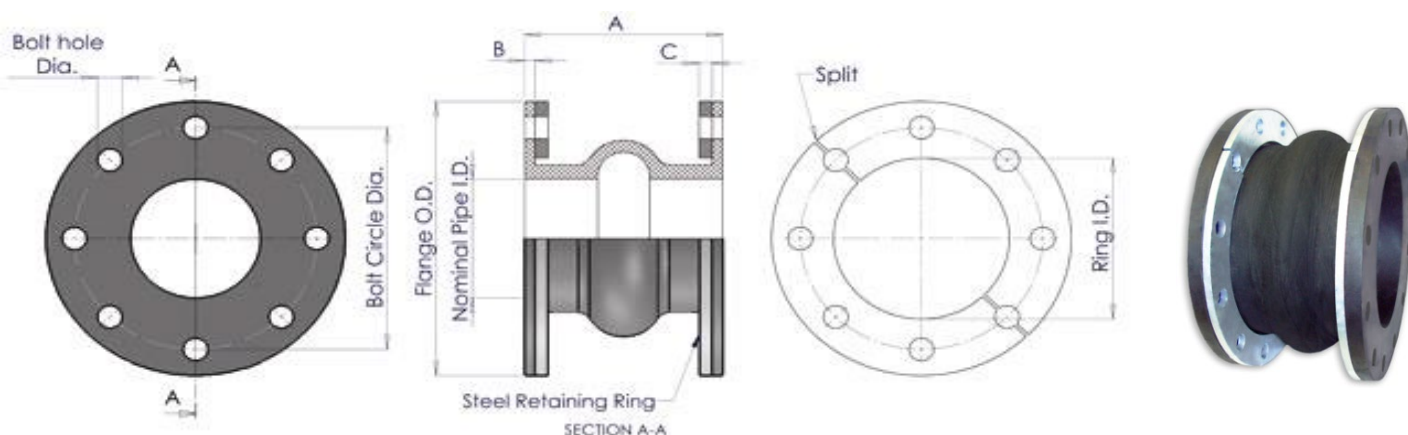
Rubber Material EPDM
Ret Ring Material 316 SS
Temperature Rating 250°F

Dimensions				Pressure/Vacuum		Movement				Physicals		Weight	Product No.
Size	Length A	Rubber Flange	Ret Ring			Axial Comp	Axial Ext	Lateral	Angular	Spring Rate	Effective Area		
in	in	in	in	psi	in Hg	in	in	in	deg	lbs/in	in ²	lbs	
1.5	6	0.472	0.375	200	29	1.2	0.6	0.6	38.6	265	7.5	5.5	USL1EE3160150
2	6	0.472	0.375	200	29	1.4	0.7	0.6	34.2	317	12.4	8	USL1EE3160200
2.5	6	0.472	0.375	200	29	1.4	0.7	0.6	28.5	397	16	9	USL1EE3160250
3	6	0.472	0.375	200	29	1.4	0.7	0.6	24.4	477	19	11	USL1EE3160300
4	6	0.472	0.375	200	29	1.4	0.7	0.6	18.8	636	28	16	USL1EE3160400
5	6	0.551	0.375	190	29	1.4	0.7	0.6	15.2	793	38	17.5	USL1EE3160500
6	6	0.551	0.375	190	29	1.4	0.7	0.6	12.8	953	50	20.5	USL1EE3160600
8	6	0.630	0.375	190	26	1.4	0.7	0.6	9.7	1059	78	29.5	USL1EE3160800
10	8	0.630	0.375	190	24	1.6	0.8	0.8	9.1	1324	120	40	USL1EE3161000
12	8	0.748	0.375	190	20	1.6	0.8	0.8	7.6	1588	162	59	USL1EE3161200
14	8	0.866	0.375	130	20	1.6	0.8	0.8	6.5	1390	210	67	USL1EE3161400
16	8	0.866	0.375	115	20	1.6	0.8	0.8	5.7	1588	265	81	USL1EE3161600
18	8	0.866	0.375	115	20	1.6	0.8	0.8	5.1	1787	326	90	USL1EE3161800
20	8	0.984	0.375	115	20	1.6	0.8	0.8	5.6	1987	393	105	USL1EE3162000
22	10	0.984	0.375	100	20	2	1	1	5.2	2185	480	114	USL1EE3162200
24	10	0.984	0.375	100	20	2	1	1	4.8	2383	562	127	USL1EE3162400
26	10	0.984	0.375	90	20	2	1	1	4.4	2295	650	151	USL1EE3162600
28	10	0.984	0.375	90	20	2	1	1	4.1	2472	742	157	USL1EE3162800
30	10	0.984	0.375	90	20	2	1	1	3.8	2649	842	180	USL1EE3163000
32	10	0.984	0.375	90	20	2	1	1	3.6	2827	950	188	USL1EE3163200
34	10	0.984	0.375	90	20	2	1	1	3.4	3002	1060	194	USL1EE3163400
36	10	0.984	0.375	90	20	2	1	1	3.2	3178	1180	219	USL1EE3163600

 "Flexible Piping Solutions"	Proposal/Inquiry/Order No.:	NOTES: HAVE CONTROL UNITS BEEN ORDERED FOR THIS INSTALLATION: _____
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Contractor:		
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ULTRASPOOL EXPANSION JOINT


EPDM: SIZES 38"-120"



The Flexicraft Ultraspool expansion joints are the most versatile rubber expansion joints available. The Ultraspool expansion joints come in diameters from 1" to 120", and can be made with any elastomer material. Because single, double, and triple arch models are available, various movement requirements can be met. Non-standard designs are manufactured as required.

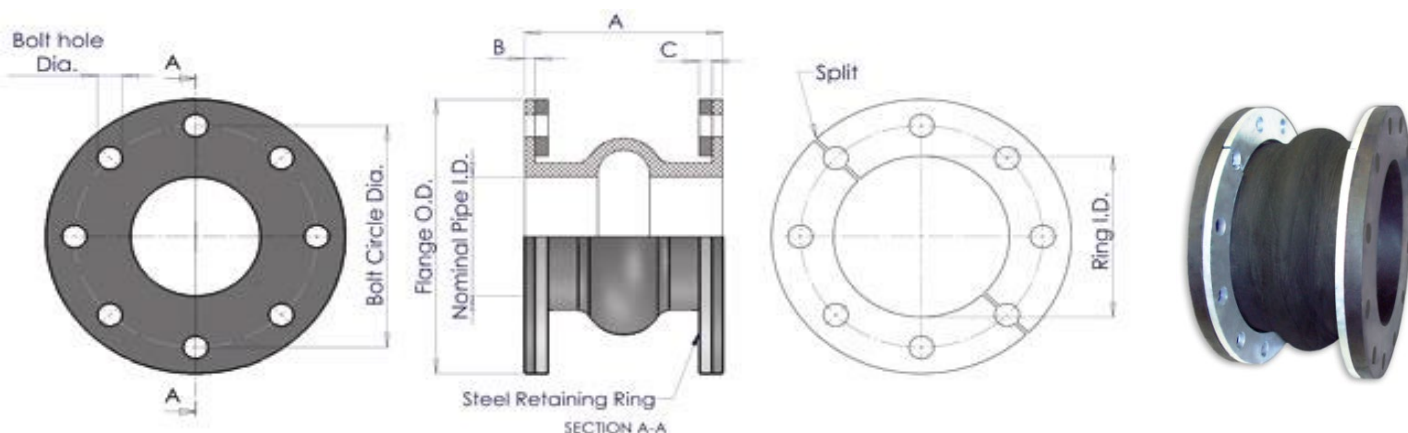
Rubber Material EPDM
Ret Ring Material Galv Carbon Steel
Temperature Rating 250°F

Dimensions				Pressure/Vacuum		Movement				Physicals		Weight	Product No.
Size	Length A	Rubber Flange	Ret Ring			Axial Comp	Axial Ext	Lateral	Angular	Spring Rate	Effective Area		
in	in	in	in	psi	in Hg	in	in	in	deg	lbs/in	in ²	lbs	
38	10	0.984	0.375	90	18	2	1	1	3	3357	1300	248	USL1EE3800
40	10	0.984	0.375	90	18	2	1	1	2.9	3531	1435	273	USL1EE4000
42	12	1.181	0.375	80	18	2.4	1.2	1.1	3.1	3339	1628	293	USL1EE4200
44	12	1.181	0.375	80	18	2.4	1.2	1.1	3.1	3498	1775	302	USL1EE4400
46	12	1.181	0.375	80	18	2.4	1.2	1.1	3.1	3652	1927	410	USL1EE4600
48	12	1.181	0.375	80	18	2.4	1.2	1.1	2.9	3815	2085	343	USL1EE4800
50	12	1.181	0.375	80	18	2.4	1.2	1.1	2.8	3975	2250	374	USL1EE5000
52	12	1.181	0.375	80	18	2.4	1.2	1.1	2.6	4134	2420	392	USL1EE5200
54	12	1.181	0.375	80	18	2.4	1.2	1.1	2.6	4293	2600	415	USL1EE5400
56	12	1.181	0.375	80	18	2.4	1.2	1.1	2.5	4452	2930	453	USL1EE5600
58	12	1.181	0.375	80	18	2.4	1.2	1.1	2.4	4611	3011	490	USL1EE5800
60	12	1.181	0.375	80	18	2.4	1.2	1.1	2.3	4770	3210	510	USL1EE6000
66	12	1.181	0.375	80	18	2.4	1.2	1.1	2.1	5247	3840	590	USL1EE6600
68	12	1.181	0.375	70	18	2.4	1.2	1.1	2	-	4062	645	USL1EE6800
72	12	1.181	0.375	70	18	2.4	1.2	1.1	1.9	-	4525	680	USL1EE7200
78	12	1.188	0.375	85	18	1.1	1.2	1	1.8	-	5410	725	USL1EE7800
84	12	1.188	0.375	85	18	1.1	1.2	1	1.6	-	6220	790	USL1EE8400
90	12	1.188	0.375	85	18	1.1	1.2	1	1.6	-	7090	811	USL1EE9000
96	12	1.188	0.375	85	18	1.1	1.2	1	1.4	-	8010	833	USL1EE9600
102	12	1.188	0.375	85	18	1.1	1.2	1	1.3	-	8990	880	USL1EE10200
108	12	1.188	0.375	85	18	1.1	1.2	1.1	1.2	-	10030	935	USL1EE10800
120	12	1.188	0.375	85	18	1.1	1.2	1	1.1	-	12270	1,105	USL1EE12000

 "Flexible Piping Solutions"	Proposal/Inquiry/Order No.:	NOTES: HAVE CONTROL UNITS BEEN ORDERED FOR THIS INSTALLATION: _____
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	Project Name:	
	Contractor:	
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ULTRASPOOL EXPANSION JOINT


EPDM: SIZES 38"-120"



The Flexicraft Ultraspool expansion joints are the most versatile rubber expansion joints available. The Ultraspool expansion joints come in diameters from 1" to 120", and can be made with any elastomer material. Because single, double, and triple arch models are available, various movement requirements can be met. Non-standard designs are manufactured as required.

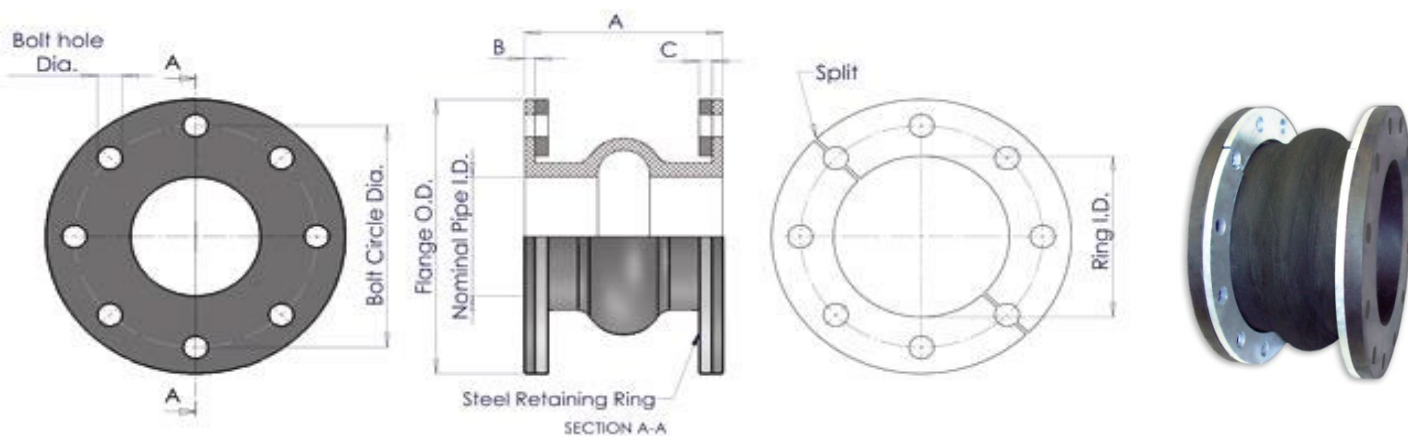
Rubber Material EPDM
Ret Ring Material 304SS
Temperature Rating 250°F

Dimensions				Pressure/Vacuum		Movement				Physicals		Weight	Product No.
Size	Length A	Rubber Flange	Ret Ring			Axial Comp	Axial Ext	Lateral	Angular	Spring Rate	Effective Area		
in	in	in	in	psi	in Hg	in	in	in	deg	lbs/in	in ²	lbs	
38	10	0.984	0.375	90	18	2	1	1	3	3357	1300	248	USL1EE3043800
40	10	0.984	0.375	90	18	2	1	1	2.9	3531	1435	273	USL1EE3044000
42	12	1.181	0.375	80	18	2.4	1.2	1.1	3.1	3339	1628	293	USL1EE3044200
44	12	1.181	0.375	80	18	2.4	1.2	1.1	3.1	3498	1775	302	USL1EE3044400
46	12	1.181	0.375	80	18	2.4	1.2	1.1	3.1	3652	1927	410	USL1EE3044600
48	12	1.181	0.375	80	18	2.4	1.2	1.1	2.9	3815	2085	343	USL1EE3044800
50	12	1.181	0.375	80	18	2.4	1.2	1.1	2.8	3975	2250	374	USL1EE3045000
52	12	1.181	0.375	80	18	2.4	1.2	1.1	2.6	4134	2420	392	USL1EE3045200
54	12	1.181	0.375	80	18	2.4	1.2	1.1	2.6	4293	2600	415	USL1EE3045400
56	12	1.181	0.375	80	18	2.4	1.2	1.1	2.5	4452	2930	453	USL1EE3045600
58	12	1.181	0.375	80	18	2.4	1.2	1.1	2.4	4611	3011	490	USL1EE3045800
60	12	1.181	0.375	80	18	2.4	1.2	1.1	2.3	4770	3210	510	USL1EE3046000
66	12	1.181	0.375	80	18	2.4	1.2	1.1	2.1	5247	3840	590	USL1EE3046600
68	12	1.181	0.375	70	18	2.4	1.2	1.1	2	-	4062	645	USL1EE3046800
72	12	1.181	0.375	70	18	2.4	1.2	1.1	1.9	-	4525	680	USL1EE3047200
78	12	1.188	0.375	85	18	1.1	1.2	1	1.8	-	5410	725	USL1EE3047800
84	12	1.188	0.375	85	18	1.1	1.2	1	1.6	-	6220	790	USL1EE3048400
90	12	1.188	0.375	85	18	1.1	1.2	1	1.6	-	7090	811	USL1EE3049000
96	12	1.188	0.375	85	18	1.1	1.2	1	1.4	-	8010	833	USL1EE3049600
102	12	1.188	0.375	85	18	1.1	1.2	1	1.3	-	8990	880	USL1EE30410200
108	12	1.188	0.375	85	18	1.1	1.2	1.1	1.2	-	10030	935	USL1EE30410800
120	12	1.188	0.375	85	18	1.1	1.2	1	1.1	-	12270	1,105	USL1EE30412000

 "Flexible Piping Solutions"	Proposal/Inquiry/Order No.:	NOTES: HAVE CONTROL UNITS BEEN ORDERED FOR THIS INSTALLATION: _____
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ULTRASPOOL EXPANSION JOINT

EPDM: SIZES 38"-120"



The Flexicraft Ultraspool expansion joints are the most versatile rubber expansion joints available. The Ultraspool expansion joints come in diameters from 1" to 120", and can be made with any elastomer material. Because single, double, and triple arch models are available, various movement requirements can be met. Non-standard designs are manufactured as required.

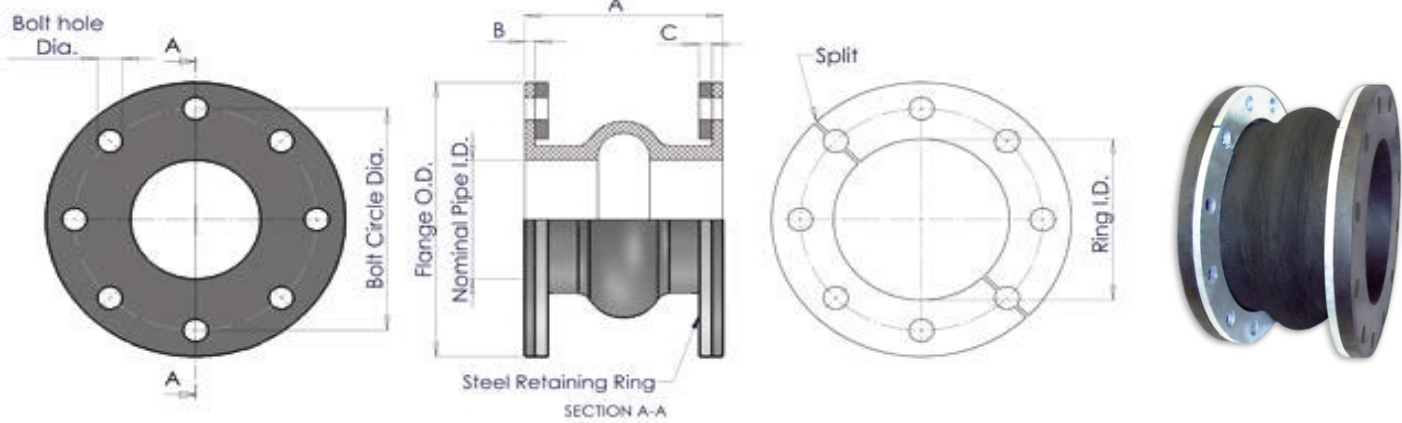
Rubber Material EPDM
 Ret Ring Material 316SS
 Temperature Rating 250°F

Dimensions				Pressure/Vacuum		Movement				Physicals		Weight lbs	Product No.
Size	Length A	Rubber Flange	Ret Ring			Axial Comp	Axial Ext	Lateral	Angular	Spring Rate	Effective Area		
in	in	in	in	psi	in Hg	in	in	in	deg	lbs/in	in ²	lbs	
38	10	0.984	0.375	90	18	2	1	1	3	3357	1300	248	USL1EE3163800
40	10	0.984	0.375	90	18	2	1	1	2.9	3531	1435	273	USL1EE3164000
42	12	1.181	0.375	80	18	2.4	1.2	1.1	3.1	3339	1628	293	USL1EE3164200
44	12	1.181	0.375	80	18	2.4	1.2	1.1	3.1	3498	1775	302	USL1EE3164400
46	12	1.181	0.375	80	18	2.4	1.2	1.1	3.1	3652	1927	410	USL1EE3164600
48	12	1.181	0.375	80	18	2.4	1.2	1.1	2.9	3815	2085	343	USL1EE3164800
50	12	1.181	0.375	80	18	2.4	1.2	1.1	2.8	3975	2250	374	USL1EE3165000
52	12	1.181	0.375	80	18	2.4	1.2	1.1	2.6	4134	2420	392	USL1EE3165200
54	12	1.181	0.375	80	18	2.4	1.2	1.1	2.6	4293	2600	415	USL1EE3165400
56	12	1.181	0.375	80	18	2.4	1.2	1.1	2.5	4452	2930	453	USL1EE3165600
58	12	1.181	0.375	80	18	2.4	1.2	1.1	2.4	4611	3011	490	USL1EE3165800
60	12	1.181	0.375	80	18	2.4	1.2	1.1	2.3	4770	3210	510	USL1EE3166000
66	12	1.181	0.375	80	18	2.4	1.2	1.1	2.1	5247	3840	590	USL1EE3166600
68	12	1.181	0.375	70	18	2.4	1.2	1.1	2	-	4062	645	USL1EE3166800
72	12	1.181	0.375	70	18	2.4	1.2	1.1	1.9	-	4525	680	USL1EE3167200
78	12	1.188	0.375	85	18	1.1	1.2	1	1.8	-	5410	725	USL1EE3167800
84	12	1.188	0.375	85	18	1.1	1.2	1	1.6	-	6220	790	USL1EE3168400
90	12	1.188	0.375	85	18	1.1	1.2	1	1.6	-	7090	811	USL1EE3169000
96	12	1.188	0.375	85	18	1.1	1.2	1	1.4	-	8010	833	USL1EE3169600
102	12	1.188	0.375	85	18	1.1	1.2	1	1.3	-	8990	880	USL1EE31610200
108	12	1.188	0.375	85	18	1.1	1.2	1.1	1.2	-	10030	935	USL1EE31610800
120	12	1.188	0.375	85	18	1.1	1.2	1	1.1	-	12270	1,105	USL1EE31612000

 "Flexible Piping Solutions"	Proposal/Inquiry/Order No.:	NOTES: HAVE CONTROL UNITS BEEN ORDERED FOR THIS INSTALLATION: _____
	Customer Name:	
	Project Name:	
PRINT CERTIFICATION: Certified Correct As Of: _____ By: _____	Contractor:	
The above expansion joints and related hardware, meet or exceed the physical, mechanical or material specifications of the Rubber Expansion Joint Div., Fluid Sealing Association. For additional information, see the Association, "Technical Handbook, Fifth Edition", Chapter II, Paragraph A.1. and Tables II, III, IV.		

ULTRASPOOL EXPANSION JOINT


NEOPRENE: SIZES 1 1/2" - 36"



The Flexicraft Ultraspool expansion joints are the most versatile rubber expansion joints available. The Ultraspool expansion joints come in diameters from 1" to 120", and can be made with any elastomer material. Because single, double, and triple arch models are available, various movement requirements can be met. Non-standard designs are manufactured as required.

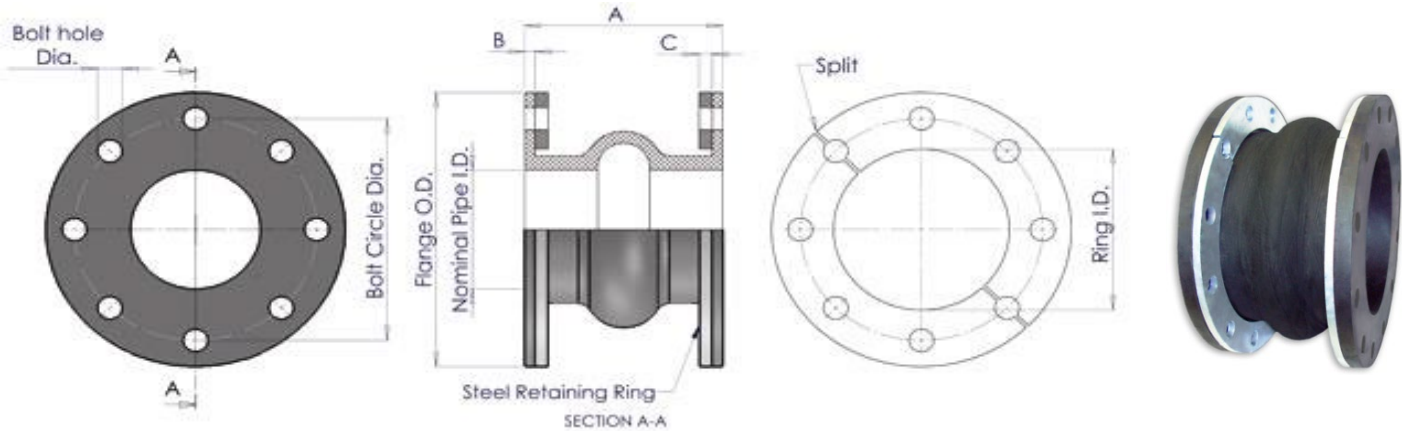
Rubber Material Neoprene
 Ret Ring Material Galv Carbon Steel
 Temperature Rating 230°F

Dimensions				Pressure/Vacuum		Movement				Physicals		Weight	Product No.
Size	Length A	Rubber Flange	Ret Ring			Axial Comp	Axial Ext	Lateral	Angular	Spring Rate	Effective Area		
in	in	in	in	psi	in Hg	in	in	in	deg	lbs/in	in ²	lbs	
1.5	6	0.472	0.375	200	29	1.2	0.6	0.6	38.6	265	7.5	5.5	USL1NN0150
2	6	0.472	0.375	200	29	1.4	0.7	0.6	34.2	317	12.4	8	USL1NN0200
2.5	6	0.472	0.375	200	29	1.4	0.7	0.6	28.5	397	16	9	USL1NN0250
3	6	0.472	0.375	200	29	1.4	0.7	0.6	24.4	477	19	11	USL1NN0300
4	6	0.472	0.375	200	29	1.4	0.7	0.6	18.8	636	28	16	USL1NN0400
5	6	0.551	0.375	190	29	1.4	0.7	0.6	15.2	793	38	17.5	USL1NN0500
6	6	0.551	0.375	190	29	1.4	0.7	0.6	12.8	953	50	20.5	USL1NN0600
8	6	0.630	0.375	190	26	1.4	0.7	0.6	9.7	1059	78	29.5	USL1NN0800
10	8	0.630	0.375	190	24	1.6	0.8	0.8	9.1	1324	120	40	USL1NN1000
12	8	0.748	0.375	190	20	1.6	0.8	0.8	7.6	1588	162	59	USL1NN1200
14	8	0.866	0.375	130	20	1.6	0.8	0.8	6.5	1390	210	67	USL1NN1400
16	8	0.866	0.375	115	20	1.6	0.8	0.8	5.7	1588	265	81	USL1NN1600
18	8	0.866	0.375	115	20	1.6	0.8	0.8	5.1	1787	326	90	USL1NN1800
20	8	0.984	0.375	115	20	1.6	0.8	0.8	5.6	1987	393	105	USL1NN2000
22	10	0.984	0.375	100	20	2	1	1	5.2	2185	480	114	USL1NN2200
24	10	0.984	0.375	100	20	2	1	1	4.8	2383	562	127	USL1NN2400
26	10	0.984	0.375	90	20	2	1	1	4.4	2295	650	151	USL1NN2600
28	10	0.984	0.375	90	20	2	1	1	4.1	2472	742	157	USL1NN2800
30	10	0.984	0.375	90	20	2	1	1	3.8	2649	842	180	USL1NN3000
32	10	0.984	0.375	90	20	2	1	1	3.6	2827	950	188	USL1NN3200
34	10	0.984	0.375	90	20	2	1	1	3.4	3002	1060	194	USL1NN3400
36	10	0.984	0.375	90	20	2	1	1	3.2	3178	1180	219	USL1NN3600

 "Flexible Piping Solutions"	Proposal/Inquiry/Order No.:	NOTES:
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	Project Name:	
	Contractor:	
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ULTRASPOOL EXPANSION JOINT


NEOPRENE: SIZES 1 1/2" - 36"



The Flexicraft Ultraspool expansion joints are the most versatile rubber expansion joints available. The Ultraspool expansion joints come in diameters from 1" to 120", and can be made with any elastomer material. Because single, double, and triple arch models are available, various movement requirements can be met. Non-standard designs are manufactured as required.

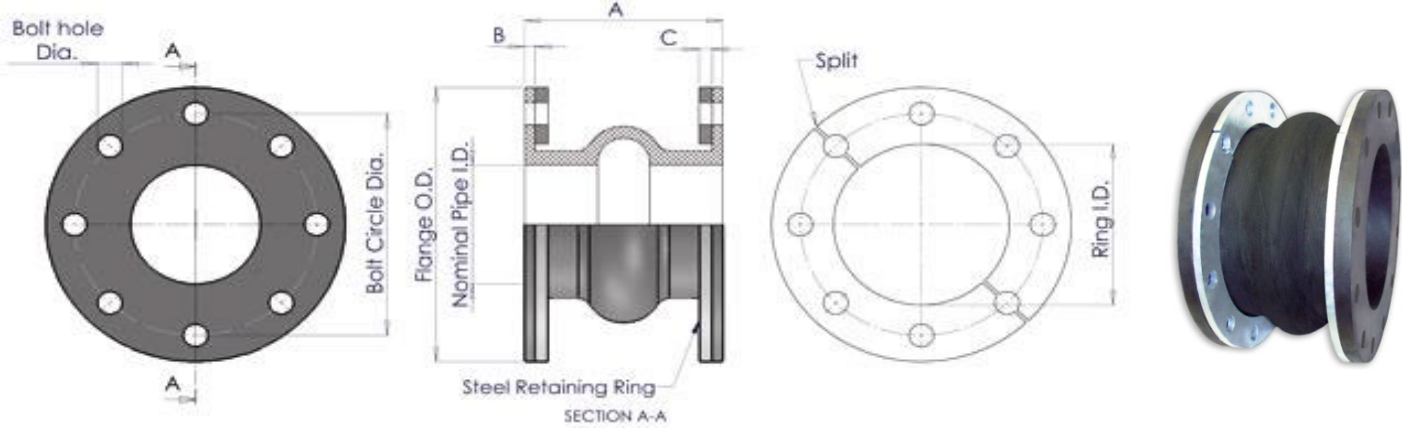
Rubber Material Neoprene
 Ret Ring Material 304SS
 Temperature Rating 230°F

Dimensions				Pressure/Vacuum		Movement				Physicals		Weight	Product No.
Size	Length A	Rubber Flange	Ret Ring			Axial Comp	Axial Ext	Lateral	Angular	Spring Rate	Effective Area		
in	in	in	in	psi	in Hg	in	in	in	deg	lbs/in	in ²	lbs	
1.5	6	0.472	0.375	200	29	1.2	0.6	0.6	38.6	265	7.5	5.5	USL1NN3040150
2	6	0.472	0.375	200	29	1.4	0.7	0.6	34.2	317	12.4	8	USL1NN3040200
2.5	6	0.472	0.375	200	29	1.4	0.7	0.6	28.5	397	16	9	USL1NN3040250
3	6	0.472	0.375	200	29	1.4	0.7	0.6	24.4	477	19	11	USL1NN3040300
4	6	0.472	0.375	200	29	1.4	0.7	0.6	18.8	636	28	16	USL1NN3040400
5	6	0.551	0.375	190	29	1.4	0.7	0.6	15.2	793	38	17.5	USL1NN3040500
6	6	0.551	0.375	190	29	1.4	0.7	0.6	12.8	953	50	20.5	USL1NN3040600
8	6	0.630	0.375	190	26	1.4	0.7	0.6	9.7	1059	78	29.5	USL1NN3040800
10	8	0.630	0.375	190	24	1.6	0.8	0.8	9.1	1324	120	40	USL1NN3041000
12	8	0.748	0.375	190	20	1.6	0.8	0.8	7.6	1588	162	59	USL1NN3041200
14	8	0.866	0.375	130	20	1.6	0.8	0.8	6.5	1390	210	67	USL1NN3041400
16	8	0.866	0.375	115	20	1.6	0.8	0.8	5.7	1588	265	81	USL1NN3041600
18	8	0.866	0.375	115	20	1.6	0.8	0.8	5.1	1787	326	90	USL1NN3041800
20	8	0.984	0.375	115	20	1.6	0.8	0.8	5.6	1987	393	105	USL1NN3042000
22	10	0.984	0.375	100	20	2	1	1	5.2	2185	480	114	USL1NN3042200
24	10	0.984	0.375	100	20	2	1	1	4.8	2383	562	127	USL1NN3042400
26	10	0.984	0.375	90	20	2	1	1	4.4	2295	650	151	USL1NN3042600
28	10	0.984	0.375	90	20	2	1	1	4.1	2472	742	157	USL1NN3042800
30	10	0.984	0.375	90	20	2	1	1	3.8	2649	842	180	USL1NN3043000
32	10	0.984	0.375	90	20	2	1	1	3.6	2827	950	188	USL1NN3043200
34	10	0.984	0.375	90	20	2	1	1	3.4	3002	1060	194	USL1NN3043400
36	10	0.984	0.375	90	20	2	1	1	3.2	3178	1180	219	USL1NN3043600

 "Flexible Piping Solutions"	Proposal/Inquiry/Order No.:	NOTES: HAVE CONTROL UNITS BEEN ORDERED FOR THIS INSTALLATION: _____
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ULTRASPOOL EXPANSION JOINT


NEOPRENE: SIZES 1 1/2" - 36"



The Flexicraft Ultraspool expansion joints are the most versatile rubber expansion joints available. The Ultraspool expansion joints come in diameters from 1" to 120", and can be made with any elastomer material. Because single, double, and triple arch models are available, various movement requirements can be met. Non-standard designs are manufactured as required.

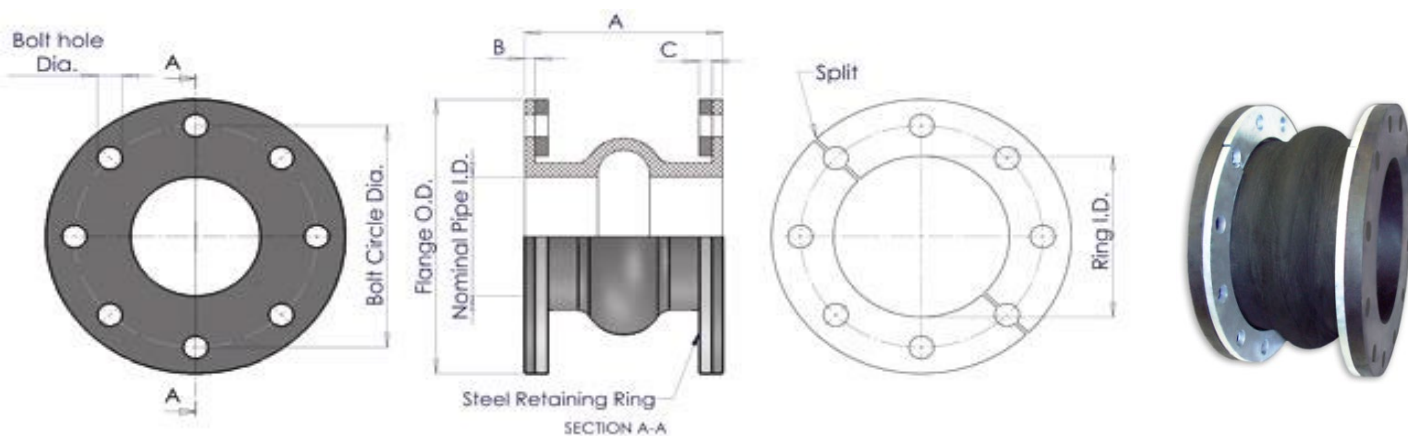
Rubber Material Neoprene
 Ret Ring Material 316SS
 Temperature Rating 230°F

Dimensions				Pressure/Vacuum		Movement				Physicals		Weight	Product No.
Size	Length A	Rubber Flange	Ret Ring			Axial Comp	Axial Ext	Lateral	Angular	Spring Rate	Effective Area		
in	in	in	in	psi	in Hg	in	in	in	deg	lbs/in	in ²	lbs	
1.5	6	0.472	0.375	200	29	1.2	0.6	0.6	38.6	265	7.5	5.5	USL1NN3160150
2	6	0.472	0.375	200	29	1.4	0.7	0.6	34.2	317	12.4	8	USL1NN3160200
2.5	6	0.472	0.375	200	29	1.4	0.7	0.6	28.5	397	16	9	USL1NN3160250
3	6	0.472	0.375	200	29	1.4	0.7	0.6	24.4	477	19	11	USL1NN3160300
4	6	0.472	0.375	200	29	1.4	0.7	0.6	18.8	636	28	16	USL1NN3160400
5	6	0.551	0.375	190	29	1.4	0.7	0.6	15.2	793	38	17.5	USL1NN3160500
6	6	0.551	0.375	190	29	1.4	0.7	0.6	12.8	953	50	20.5	USL1NN3160600
8	6	0.630	0.375	190	26	1.4	0.7	0.6	9.7	1059	78	29.5	USL1NN3160800
10	8	0.630	0.375	190	24	1.6	0.8	0.8	9.1	1324	120	40	USL1NN3161000
12	8	0.748	0.375	190	20	1.6	0.8	0.8	7.6	1588	162	59	USL1NN3161200
14	8	0.866	0.375	130	20	1.6	0.8	0.8	6.5	1390	210	67	USL1NN3161400
16	8	0.866	0.375	115	20	1.6	0.8	0.8	5.7	1588	265	81	USL1NN3161600
18	8	0.866	0.375	115	20	1.6	0.8	0.8	5.1	1787	326	90	USL1NN3161800
20	8	0.984	0.375	115	20	1.6	0.8	0.8	5.6	1987	393	105	USL1NN3162000
22	10	0.984	0.375	100	20	2	1	1	5.2	2185	480	114	USL1NN3162200
24	10	0.984	0.375	100	20	2	1	1	4.8	2383	562	127	USL1NN3162400
26	10	0.984	0.375	90	20	2	1	1	4.4	2295	650	151	USL1NN3162600
28	10	0.984	0.375	90	20	2	1	1	4.1	2472	742	157	USL1NN3162800
30	10	0.984	0.375	90	20	2	1	1	3.8	2649	842	180	USL1NN3163000
32	10	0.984	0.375	90	20	2	1	1	3.6	2827	950	188	USL1NN3163200
34	10	0.984	0.375	90	20	2	1	1	3.4	3002	1060	194	USL1NN3163400
36	10	0.984	0.375	90	20	2	1	1	3.2	3178	1180	219	USL1NN3163600

 "Flexible Piping Solutions"	Proposal/Inquiry/Order No.:	NOTES: HAVE CONTROL UNITS BEEN ORDERED FOR THIS INSTALLATION: _____
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ULTRASPOOL EXPANSION JOINT


NEOPRENE: SIZES 38"-120"



The Flexicraft Ultraspool expansion joints are the most versatile rubber expansion joints available. The Ultraspool expansion joints come in diameters from 1" to 120", and can be made with any elastomer material. Because single, double, and triple arch models are available, various movement requirements can be met. Non-standard designs are manufactured as required.

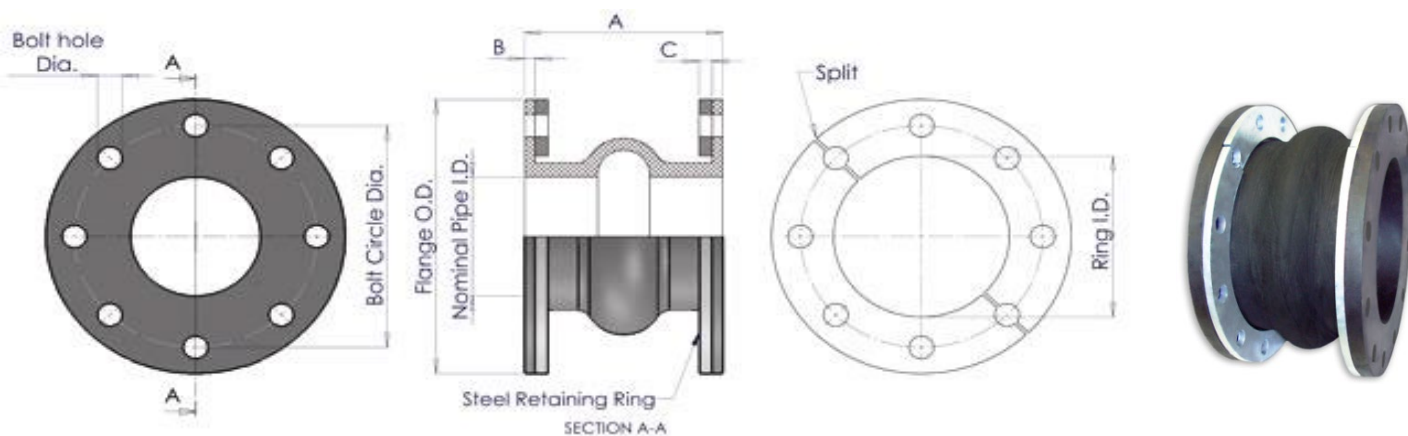
Rubber Material Neoprene
 Ret Ring Material Galv Carbon Steel
 Temperature Rating 230°F

Dimensions				Pressure/Vacuum		Movement				Physicals		Weight	Product No.
Size	Length A	Rubber Flange	Ret Ring			Axial Comp	Axial Ext	Lateral	Angular	Spring Rate	Effective Area		
in	in	in	in	psi	in Hg	in	in	in	deg	lbs/in	in ²	lbs	
38	10	0.984	0.375	90	18	2	1	1	3	3357	1300	248	USL1NN3800
40	10	0.984	0.375	90	18	2	1	1	2.9	3531	1435	273	USL1NN4000
42	12	1.181	0.375	80	18	2.4	1.2	1.1	3.1	3339	1628	293	USL1NN4200
44	12	1.181	0.375	80	18	2.4	1.2	1.1	3.1	3498	1775	302	USL1NN4400
46	12	1.181	0.375	80	18	2.4	1.2	1.1	3.1	3652	1927	410	USL1NN4600
48	12	1.181	0.375	80	18	2.4	1.2	1.1	2.9	3815	2085	343	USL1NN4800
50	12	1.181	0.375	80	18	2.4	1.2	1.1	2.8	3975	2250	374	USL1NN5000
52	12	1.181	0.375	80	18	2.4	1.2	1.1	2.6	4134	2420	392	USL1NN5200
54	12	1.181	0.375	80	18	2.4	1.2	1.1	2.6	4293	2600	415	USL1NN5400
56	12	1.181	0.375	80	18	2.4	1.2	1.1	2.5	4452	2930	453	USL1NN5600
58	12	1.181	0.375	80	18	2.4	1.2	1.1	2.4	4611	3011	490	USL1NN5800
60	12	1.181	0.375	80	18	2.4	1.2	1.1	2.3	4770	3210	510	USL1NN6000
66	12	1.181	0.375	80	18	2.4	1.2	1.1	2.1	5247	3840	590	USL1NN6600
68	12	1.181	0.375	70	18	2.4	1.2	1.1	2	-	4062	645	USL1NN6800
72	12	1.181	0.375	70	18	2.4	1.2	1.1	1.9	-	4525	680	USL1NN7200
78	12	1.188	0.375	85	18	1.1	1.2	1	1.8	-	5410	725	USL1NN7800
84	12	1.188	0.375	85	18	1.1	1.2	1	1.6	-	6220	790	USL1NN8400
90	12	1.188	0.375	85	18	1.1	1.2	1	1.6	-	7090	811	USL1NN9000
96	12	1.188	0.375	85	18	1.1	1.2	1	1.4	-	8010	833	USL1NN9600
102	12	1.188	0.375	85	18	1.1	1.2	1	1.3	-	8990	880	USL1NN10200
108	12	1.188	0.375	85	18	1.1	1.2	1.1	1.2	-	10030	935	USL1NN10800
120	12	1.188	0.375	85	18	1.1	1.2	1	1.1	-	12270	1,105	USL1NN12000

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ULTRASPOOL EXPANSION JOINT


NEOPRENE: SIZES 38"-120"



The Flexicraft Ultraspool expansion joints are the most versatile rubber expansion joints available. The Ultraspool expansion joints come in diameters from 1" to 120", and can be made with any elastomer material. Because single, double, and triple arch models are available, various movement requirements can be met. Non-standard designs are manufactured as required.

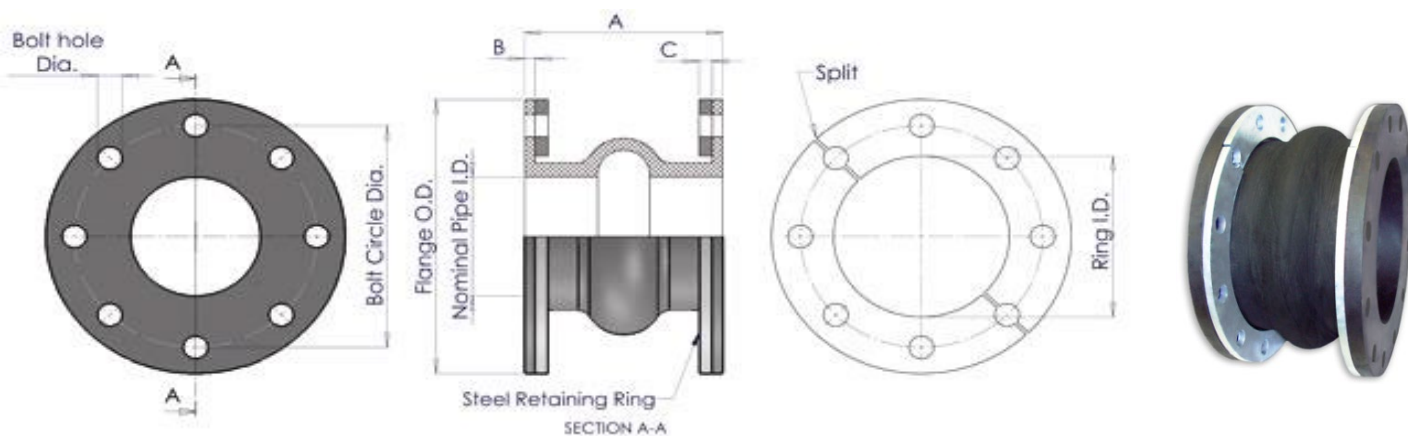
Rubber Material Neoprene
 Ret Ring Material 304SS
 Temperature Rating 230°F

Dimensions				Pressure/Vacuum		Movement				Physicals		Weight	Product No.
Size	Length A	Rubber Flange	Ret Ring			Axial Comp	Axial Ext	Lateral	Angular	Spring Rate	Effective Area		
in	in	in	in	psi	in Hg	in	in	in	deg	lbs/in	in ²	lbs	
38	10	0.984	0.375	90	18	2	1	1	3	3357	1300	248	USL1NN3043800
40	10	0.984	0.375	90	18	2	1	1	2.9	3531	1435	273	USL1NN3044000
42	12	1.181	0.375	80	18	2.4	1.2	1.1	3.1	3339	1628	293	USL1NN3044200
44	12	1.181	0.375	80	18	2.4	1.2	1.1	3.1	3498	1775	302	USL1NN3044400
46	12	1.181	0.375	80	18	2.4	1.2	1.1	3.1	3652	1927	410	USL1NN3044600
48	12	1.181	0.375	80	18	2.4	1.2	1.1	2.9	3815	2085	343	USL1NN3044800
50	12	1.181	0.375	80	18	2.4	1.2	1.1	2.8	3975	2250	374	USL1NN3045000
52	12	1.181	0.375	80	18	2.4	1.2	1.1	2.6	4134	2420	392	USL1NN3045200
54	12	1.181	0.375	80	18	2.4	1.2	1.1	2.6	4293	2600	415	USL1NN3045400
56	12	1.181	0.375	80	18	2.4	1.2	1.1	2.5	4452	2930	453	USL1NN3045600
58	12	1.181	0.375	80	18	2.4	1.2	1.1	2.4	4611	3011	490	USL1NN3045800
60	12	1.181	0.375	80	18	2.4	1.2	1.1	2.3	4770	3210	510	USL1NN3046000
66	12	1.181	0.375	80	18	2.4	1.2	1.1	2.1	5247	3840	590	USL1NN3046600
68	12	1.181	0.375	70	18	2.4	1.2	1.1	2	-	4062	645	USL1NN3046800
72	12	1.181	0.375	70	18	2.4	1.2	1.1	1.9	-	4525	680	USL1NN3047200
78	12	1.188	0.375	85	18	1.1	1.2	1	1.8	-	5410	725	USL1NN3047800
84	12	1.188	0.375	85	18	1.1	1.2	1	1.6	-	6220	790	USL1NN3048400
90	12	1.188	0.375	85	18	1.1	1.2	1	1.6	-	7090	811	USL1NN3049000
96	12	1.188	0.375	85	18	1.1	1.2	1	1.4	-	8010	833	USL1NN3049600
102	12	1.188	0.375	85	18	1.1	1.2	1	1.3	-	8990	880	USL1NN30410200
108	12	1.188	0.375	85	18	1.1	1.2	1.1	1.2	-	10030	935	USL1NN30410800
120	12	1.188	0.375	85	18	1.1	1.2	1	1.1	-	12270	1,105	USL1NN30412000

 "Flexible Piping Solutions"	Proposal/Inquiry/Order No.:	NOTES: HAVE CONTROL UNITS BEEN ORDERED FOR THIS INSTALLATION: _____
	Customer Name:	
	Project Name:	
	Contractor:	
PRINT CERTIFICATION: Certified Correct As Of: _____ By: _____	The above expansion joints and related hardware, meet or exceed the physical, mechanical or material specifications of the Rubber Expansion Joint Div., Fluid Sealing Association. For additional information, see the Association, "Technical Handbook, Fifth Edition", Chapter II, Paragraph A.1. and Tables II, III, IV.	

ULTRASPOOL EXPANSION JOINT


NEOPRENE: SIZES 38"-120"



The Flexicraft Ultraspool expansion joints are the most versatile rubber expansion joints available. The Ultraspool expansion joints come in diameters from 1" to 120", and can be made with any elastomer material. Because single, double, and triple arch models are available, various movement requirements can be met. Non-standard designs are manufactured as required.

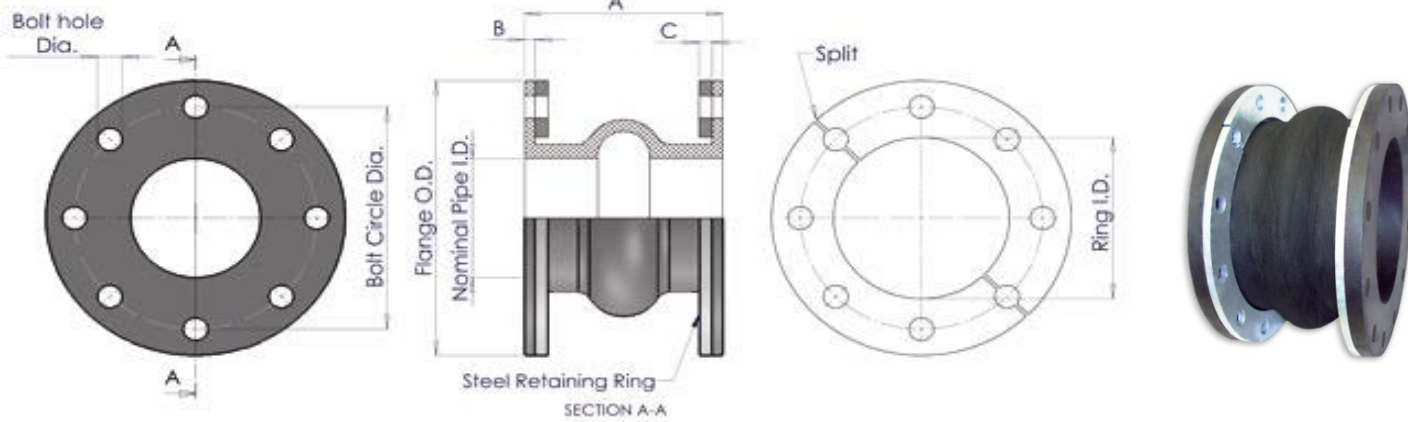
Rubber Material Neoprene
 Ret Ring Material 316SS
 Temperature Rating 230°F

Dimensions				Pressure/Vacuum		Movement				Physicals		Weight	Product No.
Size	Length A	Rubber Flange	Ret Ring			Axial Comp	Axial Ext	Lateral	Angular	Spring Rate	Effective Area		
in	in	in	in	psi	in Hg	in	in	in	deg	lbs/in	in ²	lbs	
38	10	0.984	0.375	90	18	2	1	1	3	3357	1300	248	USL1NN3163800
40	10	0.984	0.375	90	18	2	1	1	2.9	3531	1435	273	USL1NN3164000
42	12	1.181	0.375	80	18	2.4	1.2	1.1	3.1	3339	1628	293	USL1NN3164200
44	12	1.181	0.375	80	18	2.4	1.2	1.1	3.1	3498	1775	302	USL1NN3164400
46	12	1.181	0.375	80	18	2.4	1.2	1.1	3.1	3652	1927	410	USL1NN3164600
48	12	1.181	0.375	80	18	2.4	1.2	1.1	2.9	3815	2085	343	USL1NN3164800
50	12	1.181	0.375	80	18	2.4	1.2	1.1	2.8	3975	2250	374	USL1NN3165000
52	12	1.181	0.375	80	18	2.4	1.2	1.1	2.6	4134	2420	392	USL1NN3165200
54	12	1.181	0.375	80	18	2.4	1.2	1.1	2.6	4293	2600	415	USL1NN3165400
56	12	1.181	0.375	80	18	2.4	1.2	1.1	2.5	4452	2930	453	USL1NN3165600
58	12	1.181	0.375	80	18	2.4	1.2	1.1	2.4	4611	3011	490	USL1NN3165800
60	12	1.181	0.375	80	18	2.4	1.2	1.1	2.3	4770	3210	510	USL1NN3166000
66	12	1.181	0.375	80	18	2.4	1.2	1.1	2.1	5247	3840	590	USL1NN3166600
68	12	1.181	0.375	70	18	2.4	1.2	1.1	2	-	4062	645	USL1NN3166800
72	12	1.181	0.375	70	18	2.4	1.2	1.1	1.9	-	4525	680	USL1NN3167200
78	12	1.188	0.375	85	18	1.1	1.2	1	1.8	-	5410	725	USL1NN3167800
84	12	1.188	0.375	85	18	1.1	1.2	1	1.6	-	6220	790	USL1NN3168400
90	12	1.188	0.375	85	18	1.1	1.2	1	1.6	-	7090	811	USL1NN3169000
96	12	1.188	0.375	85	18	1.1	1.2	1	1.4	-	8010	833	USL1NN3169600
102	12	1.188	0.375	85	18	1.1	1.2	1	1.3	-	8990	880	USL1NN31610200
108	12	1.188	0.375	85	18	1.1	1.2	1.1	1.2	-	10030	935	USL1NN31610800
120	12	1.188	0.375	85	18	1.1	1.2	1	1.1	-	12270	1,105	USL1NN31612000

 "Flexible Piping Solutions"	Proposal/Inquiry/Order No.:	NOTES: HAVE CONTROL UNITS BEEN ORDERED FOR THIS INSTALLATION: _____
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ULTRASPOOL EXPANSION JOINT


BUTYL: SIZES 1 1/2" - 36"



The Flexicraft Ultraspool expansion joints are the most versatile rubber expansion joints available. The Ultraspool expansion joints come in diameters from 1" to 120", and can be made with any elastomer material. Because single, double, and triple arch models are available, various movement requirements can be met. Non-standard designs are manufactured as required.

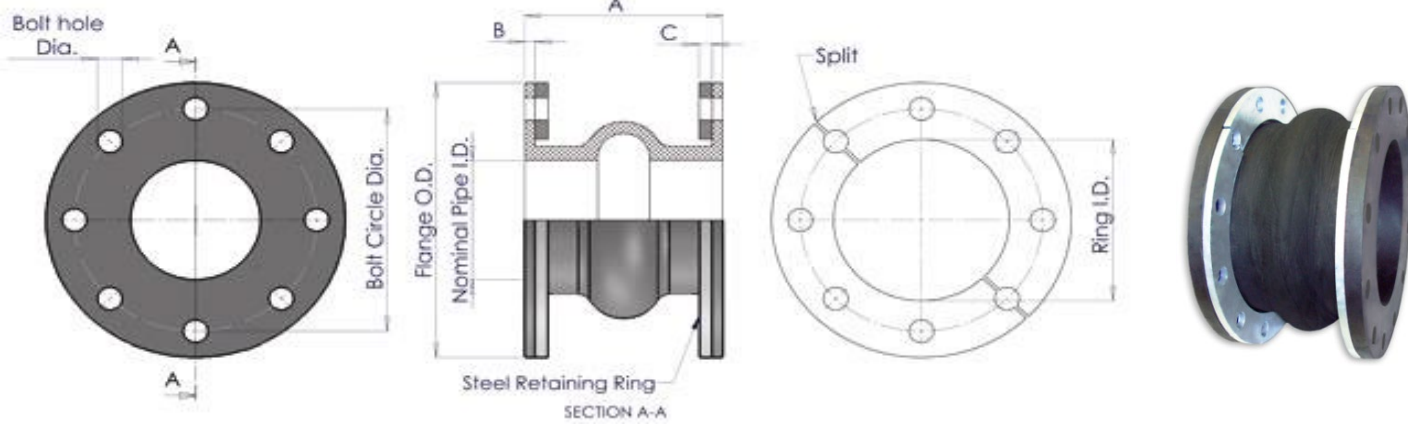
Rubber Material Butyl
 Ret Ring Material Galv Carbon Steel
 Temperature Rating 230°F

Dimensions				Pressure/Vacuum		Movement				Physicals		Weight	Product No.
Size	Length A	Rubber Flange	Ret Ring			Axial Comp	Axial Ext	Lateral	Angular	Spring Rate	Effective Area		
in	in	in	in	psi	in Hg	in	in	in	deg	lbs/in	in ²	lbs	
1.5	6	0.472	0.375	200	29	1.2	0.6	0.6	38.6	265	7.5	5.5	USL1BB0150
2	6	0.472	0.375	200	29	1.4	0.7	0.6	34.2	317	12.4	8	USL1BB0200
2.5	6	0.472	0.375	200	29	1.4	0.7	0.6	28.5	397	16	9	USL1BB0250
3	6	0.472	0.375	200	29	1.4	0.7	0.6	24.4	477	19	11	USL1BB0300
4	6	0.472	0.375	200	29	1.4	0.7	0.6	18.8	636	28	16	USL1BB0400
5	6	0.551	0.375	190	29	1.4	0.7	0.6	15.2	793	38	17.5	USL1BB0500
6	6	0.551	0.375	190	29	1.4	0.7	0.6	12.8	953	50	20.5	USL1BB0600
8	6	0.630	0.375	190	26	1.4	0.7	0.6	9.7	1059	78	29.5	USL1BB0800
10	8	0.630	0.375	190	24	1.6	0.8	0.8	9.1	1324	120	40	USL1BB1000
12	8	0.748	0.375	190	20	1.6	0.8	0.8	7.6	1588	162	59	USL1BB1200
14	8	0.866	0.375	130	20	1.6	0.8	0.8	6.5	1390	210	67	USL1BB1400
16	8	0.866	0.375	115	20	1.6	0.8	0.8	5.7	1588	265	81	USL1BB1600
18	8	0.866	0.375	115	20	1.6	0.8	0.8	5.1	1787	326	90	USL1BB1800
20	8	0.984	0.375	115	20	1.6	0.8	0.8	5.6	1987	393	105	USL1BB2000
22	10	0.984	0.375	100	20	2	1	1	5.2	2185	480	114	USL1BB2200
24	10	0.984	0.375	100	20	2	1	1	4.8	2383	562	127	USL1BB2400
26	10	0.984	0.375	90	20	2	1	1	4.4	2295	650	151	USL1BB2600
28	10	0.984	0.375	90	20	2	1	1	4.1	2472	742	157	USL1BB2800
30	10	0.984	0.375	90	20	2	1	1	3.8	2649	842	180	USL1BB3000
32	10	0.984	0.375	90	20	2	1	1	3.6	2827	950	188	USL1BB3200
34	10	0.984	0.375	90	20	2	1	1	3.4	3002	1060	194	USL1BB3400
36	10	0.984	0.375	90	20	2	1	1	3.2	3178	1180	219	USL1BB3600

 "Flexible Piping Solutions"	Proposal/Inquiry/Order No.:	NOTES: HAVE CONTROL UNITS BEEN ORDERED FOR THIS INSTALLATION: _____
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ULTRASPOOL EXPANSION JOINT


BUTYL: SIZES 1 1/2" - 36"



The Flexicraft Ultraspool expansion joints are the most versatile rubber expansion joints available. The Ultraspool expansion joints come in diameters from 1" to 120", and can be made with any elastomer material. Because single, double, and triple arch models are available, various movement requirements can be met. Non-standard designs are manufactured as required.

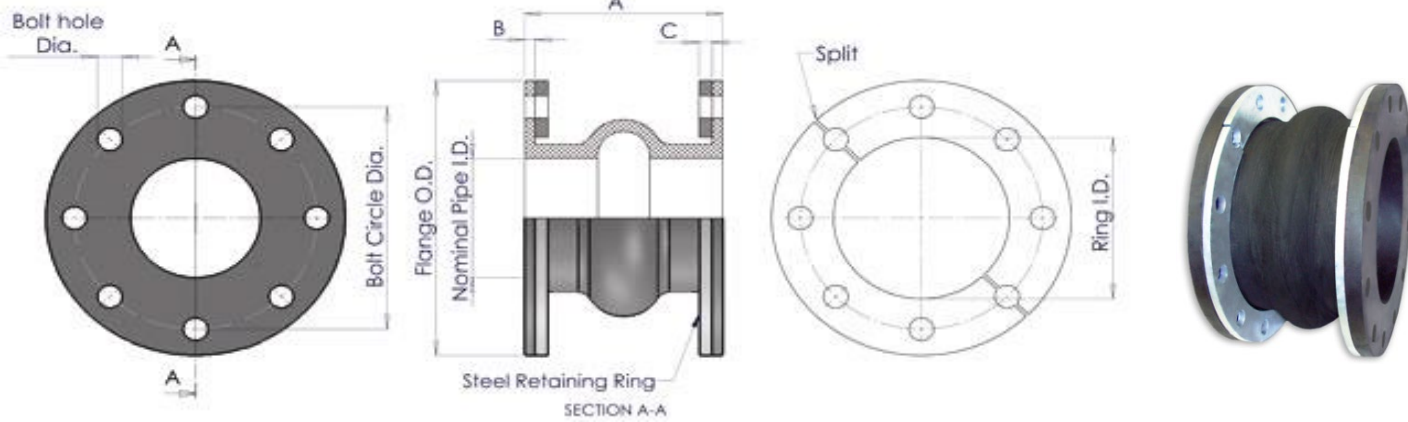
Rubber Material Butyl
Ret Ring Material 304SS
Temperature Rating 230°F

Dimensions				Pressure/Vacuum		Movement				Physicals		Weight	Product No.
Size	Length A	Rubber Flange	Ret Ring			Axial Comp	Axial Ext	Lateral	Angular	Spring Rate	Effective Area		
in	in	in	in	psi	in Hg	in	in	in	deg	lbs/in	in ²	lbs	
1.5	6	0.472	0.375	200	29	1.2	0.6	0.6	38.6	265	7.5	5.5	USL1BB3040150
2	6	0.472	0.375	200	29	1.4	0.7	0.6	34.2	317	12.4	8	USL1BB3040200
2.5	6	0.472	0.375	200	29	1.4	0.7	0.6	28.5	397	16	9	USL1BB3040250
3	6	0.472	0.375	200	29	1.4	0.7	0.6	24.4	477	19	11	USL1BB3040300
4	6	0.472	0.375	200	29	1.4	0.7	0.6	18.8	636	28	16	USL1BB3040400
5	6	0.551	0.375	190	29	1.4	0.7	0.6	15.2	793	38	17.5	USL1BB3040500
6	6	0.551	0.375	190	29	1.4	0.7	0.6	12.8	953	50	20.5	USL1BB3040600
8	6	0.630	0.375	190	26	1.4	0.7	0.6	9.7	1059	78	29.5	USL1BB3040800
10	8	0.630	0.375	190	24	1.6	0.8	0.8	9.1	1324	120	40	USL1BB3041000
12	8	0.748	0.375	190	20	1.6	0.8	0.8	7.6	1588	162	59	USL1BB3041200
14	8	0.866	0.375	130	20	1.6	0.8	0.8	6.5	1390	210	67	USL1BB3041400
16	8	0.866	0.375	115	20	1.6	0.8	0.8	5.7	1588	265	81	USL1BB3041600
18	8	0.866	0.375	115	20	1.6	0.8	0.8	5.1	1787	326	90	USL1BB3041800
20	8	0.984	0.375	115	20	1.6	0.8	0.8	5.6	1987	393	105	USL1BB3042000
22	10	0.984	0.375	100	20	2	1	1	5.2	2185	480	114	USL1BB3042200
24	10	0.984	0.375	100	20	2	1	1	4.8	2383	562	127	USL1BB3042400
26	10	0.984	0.375	90	20	2	1	1	4.4	2295	650	151	USL1BB3042600
28	10	0.984	0.375	90	20	2	1	1	4.1	2472	742	157	USL1BB3042800
30	10	0.984	0.375	90	20	2	1	1	3.8	2649	842	180	USL1BB3043000
32	10	0.984	0.375	90	20	2	1	1	3.6	2827	950	188	USL1BB3043200
34	10	0.984	0.375	90	20	2	1	1	3.4	3002	1060	194	USL1BB3043400
36	10	0.984	0.375	90	20	2	1	1	3.2	3178	1180	219	USL1BB3043600

 "Flexible Piping Solutions"	Proposal/Inquiry/Order No.:	NOTES: HAVE CONTROL UNITS BEEN ORDERED FOR THIS INSTALLATION: _____
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ULTRASPOOL EXPANSION JOINT


BUTYL: SIZES 1 1/2" - 36"



The Flexicraft Ultraspool expansion joints are the most versatile rubber expansion joints available. The Ultraspool expansion joints come in diameters from 1" to 120", and can be made with any elastomer material. Because single, double, and triple arch models are available, various movement requirements can be met. Non-standard designs are manufactured as required.

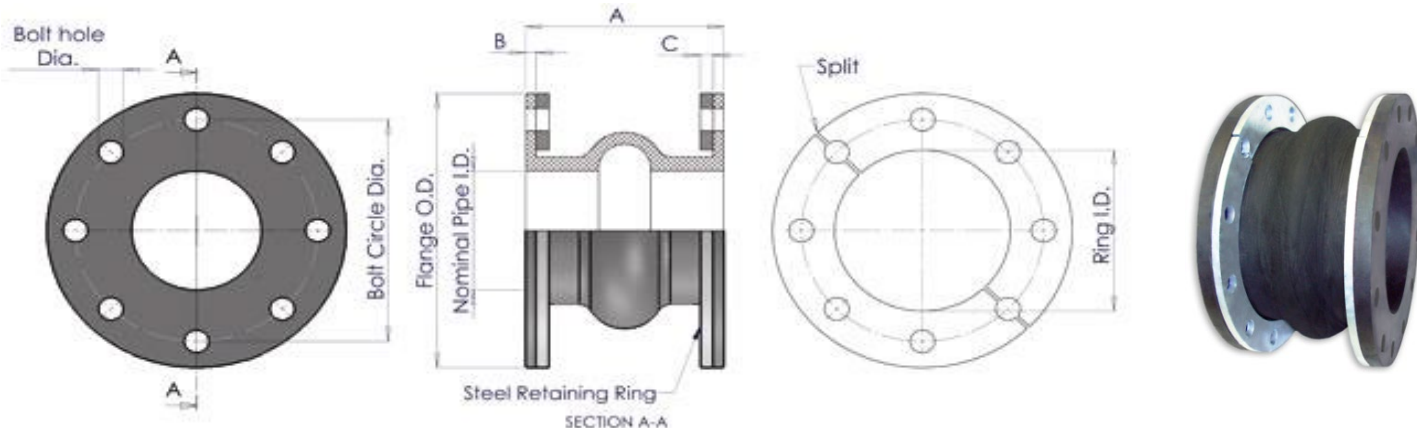
Rubber Material Butyl
 Ret Ring Material 316SS
 Temperature Rating 230°F

Dimensions				Pressure/Vacuum		Movement				Physicals		Weight	Product No.
Size	Length A	Rubber Flange	Ret Ring			Axial Comp	Axial Ext	Lateral	Angular	Spring Rate	Effective Area		
in	in	in	in	psi	in Hg	in	in	in	deg	lbs/in	in ²	lbs	
1.5	6	0.472	0.375	200	29	1.2	0.6	0.6	38.6	265	7.5	5.5	USL1BB3160150
2	6	0.472	0.375	200	29	1.4	0.7	0.6	34.2	317	12.4	8	USL1BB3160200
2.5	6	0.472	0.375	200	29	1.4	0.7	0.6	28.5	397	16	9	USL1BB3160250
3	6	0.472	0.375	200	29	1.4	0.7	0.6	24.4	477	19	11	USL1BB3160300
4	6	0.472	0.375	200	29	1.4	0.7	0.6	18.8	636	28	16	USL1BB3160400
5	6	0.551	0.375	190	29	1.4	0.7	0.6	15.2	793	38	17.5	USL1BB3160500
6	6	0.551	0.375	190	29	1.4	0.7	0.6	12.8	953	50	20.5	USL1BB3160600
8	6	0.630	0.375	190	26	1.4	0.7	0.6	9.7	1059	78	29.5	USL1BB3160800
10	8	0.630	0.375	190	24	1.6	0.8	0.8	9.1	1324	120	40	USL1BB3161000
12	8	0.748	0.375	190	20	1.6	0.8	0.8	7.6	1588	162	59	USL1BB3161200
14	8	0.866	0.375	130	20	1.6	0.8	0.8	6.5	1390	210	67	USL1BB3161400
16	8	0.866	0.375	115	20	1.6	0.8	0.8	5.7	1588	265	81	USL1BB3161600
18	8	0.866	0.375	115	20	1.6	0.8	0.8	5.1	1787	326	90	USL1BB3161800
20	8	0.984	0.375	115	20	1.6	0.8	0.8	5.6	1987	393	105	USL1BB3162000
22	10	0.984	0.375	100	20	2	1	1	5.2	2185	480	114	USL1BB3162200
24	10	0.984	0.375	100	20	2	1	1	4.8	2383	562	127	USL1BB3162400
26	10	0.984	0.375	90	20	2	1	1	4.4	2295	650	151	USL1BB3162600
28	10	0.984	0.375	90	20	2	1	1	4.1	2472	742	157	USL1BB3162800
30	10	0.984	0.375	90	20	2	1	1	3.8	2649	842	180	USL1BB3163000
32	10	0.984	0.375	90	20	2	1	1	3.6	2827	950	188	USL1BB3163200
34	10	0.984	0.375	90	20	2	1	1	3.4	3002	1060	194	USL1BB3163400
36	10	0.984	0.375	90	20	2	1	1	3.2	3178	1180	219	USL1BB3163600

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ULTRASPOOL EXPANSION JOINT


BUTYL: SIZES 38"-120"



The Flexicraft Ultraspool expansion joints are the most versatile rubber expansion joints available. The Ultraspool expansion joints come in diameters from 1" to 120", and can be made with any elastomer material. Because single, double, and triple arch models are available, various movement requirements can be met. Non-standard designs are manufactured as required.

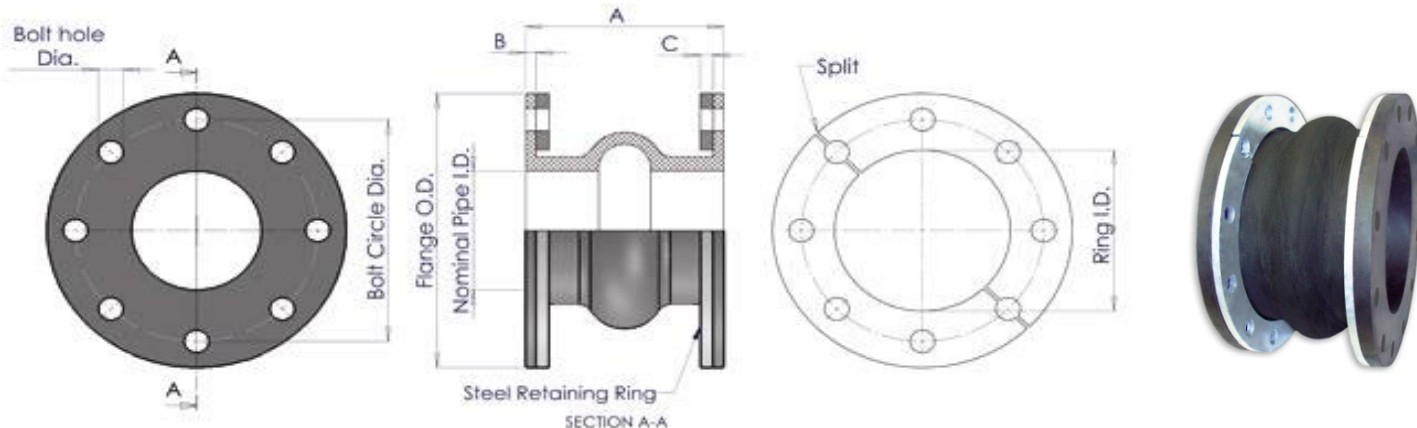
Rubber Material Butyl
 Ret Ring Material Galv Carbon Steel
 Temperature Rating 230°F

Dimensions				Pressure/Vacuum		Movement				Physicals		Weight	Product No.
Size	Length A	Rubber Flange	Ret Ring			Axial Comp	Axial Ext	Lateral	Angular	Spring Rate	Effective Area		
in	in	in	in	psi	in Hg	in	in	in	deg	lbs/in	in ²	lbs	
38	10	0.984	0.375	90	18	2	1	1	3	3357	1300	248	USL1BB3800
40	10	0.984	0.375	90	18	2	1	1	2.9	3531	1435	273	USL1BB4000
42	12	1.181	0.375	80	18	2.4	1.2	1.1	3.1	3339	1628	293	USL1BB4200
44	12	1.181	0.375	80	18	2.4	1.2	1.1	3.1	3498	1775	302	USL1BB4400
46	12	1.181	0.375	80	18	2.4	1.2	1.1	3.1	3652	1927	410	USL1BB4600
48	12	1.181	0.375	80	18	2.4	1.2	1.1	2.9	3815	2085	343	USL1BB4800
50	12	1.181	0.375	80	18	2.4	1.2	1.1	2.8	3975	2250	374	USL1BB5000
52	12	1.181	0.375	80	18	2.4	1.2	1.1	2.6	4134	2420	392	USL1BB5200
54	12	1.181	0.375	80	18	2.4	1.2	1.1	2.6	4293	2600	415	USL1BB5400
56	12	1.181	0.375	80	18	2.4	1.2	1.1	2.5	4452	2930	453	USL1BB5600
58	12	1.181	0.375	80	18	2.4	1.2	1.1	2.4	4611	3011	490	USL1BB5800
60	12	1.181	0.375	80	18	2.4	1.2	1.1	2.3	4770	3210	510	USL1BB6000
66	12	1.181	0.375	80	18	2.4	1.2	1.1	2.1	5247	3840	590	USL1BB6600
68	12	1.181	0.375	70	18	2.4	1.2	1.1	2	-	4062	645	USL1BB6800
72	12	1.181	0.375	70	18	2.4	1.2	1.1	1.9	-	4525	680	USL1BB7200
78	12	1.188	0.375	85	18	1.1	1.2	1	1.8	-	5410	725	USL1BB7800
84	12	1.188	0.375	85	18	1.1	1.2	1	1.6	-	6220	790	USL1BB8400
90	12	1.188	0.375	85	18	1.1	1.2	1	1.6	-	7090	811	USL1BB9000
96	12	1.188	0.375	85	18	1.1	1.2	1	1.4	-	8010	833	USL1BB9600
102	12	1.188	0.375	85	18	1.1	1.2	1	1.3	-	8990	880	USL1BB10200
108	12	1.188	0.375	85	18	1.1	1.2	1.1	1.2	-	10030	935	USL1BB10800
120	12	1.188	0.375	85	18	1.1	1.2	1	1.1	-	12270	1,105	USL1BB12000

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ULTRASPOOL EXPANSION JOINT


BUTYL: SIZES 38"-120"



The Flexicraft Ultraspool expansion joints are the most versatile rubber expansion joints available. The Ultraspool expansion joints come in diameters from 1" to 120", and can be made with any elastomer material. Because single, double, and triple arch models are available, various movement requirements can be met. Non-standard designs are manufactured as required.

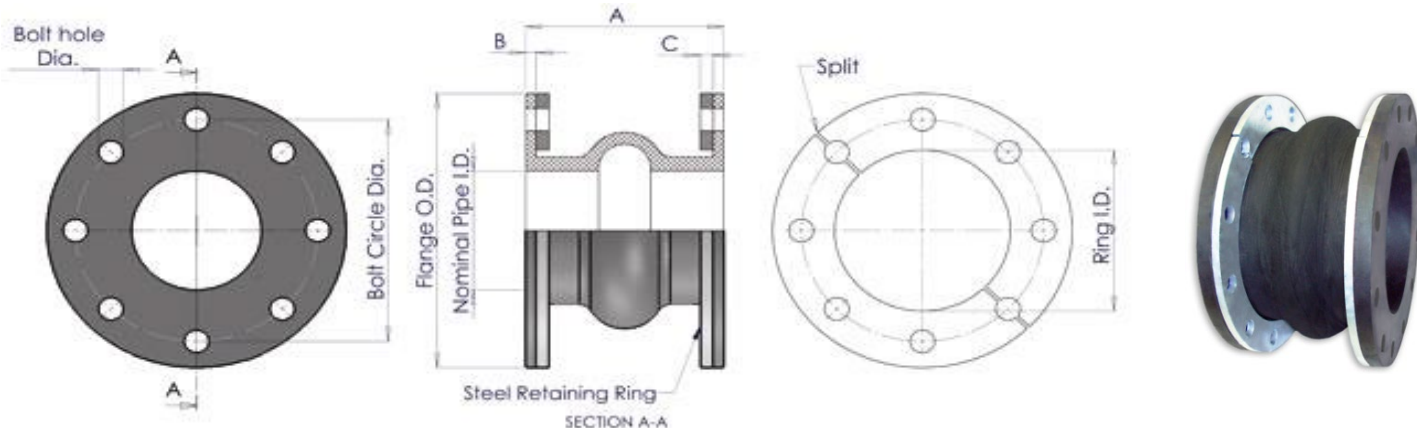
Rubber Material Butyl
 Ret Ring Material 304SS
 Temperature Rating 230°F

Dimensions				Pressure/Vacuum		Movement				Physicals		Weight	Product No.
Size	Length A	Rubber Flange	Ret Ring			Axial Comp	Axial Ext	Lateral	Angular	Spring Rate	Effective Area		
in	in	in	in	psi	in Hg	in	in	in	deg	lbs/in	in ²	lbs	
38	10	0.984	0.375	90	18	2	1	1	3	3357	1300	248	USL1BB3043800
40	10	0.984	0.375	90	18	2	1	1	2.9	3531	1435	273	USL1BB3044000
42	12	1.181	0.375	80	18	2.4	1.2	1.1	3.1	3339	1628	293	USL1BB3044200
44	12	1.181	0.375	80	18	2.4	1.2	1.1	3.1	3498	1775	302	USL1BB3044400
46	12	1.181	0.375	80	18	2.4	1.2	1.1	3.1	3652	1927	410	USL1BB3044600
48	12	1.181	0.375	80	18	2.4	1.2	1.1	2.9	3815	2085	343	USL1BB3044800
50	12	1.181	0.375	80	18	2.4	1.2	1.1	2.8	3975	2250	374	USL1BB3045000
52	12	1.181	0.375	80	18	2.4	1.2	1.1	2.6	4134	2420	392	USL1BB3045200
54	12	1.181	0.375	80	18	2.4	1.2	1.1	2.6	4293	2600	415	USL1BB3045400
56	12	1.181	0.375	80	18	2.4	1.2	1.1	2.5	4452	2930	453	USL1BB3045600
58	12	1.181	0.375	80	18	2.4	1.2	1.1	2.4	4611	3011	490	USL1BB3045800
60	12	1.181	0.375	80	18	2.4	1.2	1.1	2.3	4770	3210	510	USL1BB3046000
66	12	1.181	0.375	80	18	2.4	1.2	1.1	2.1	5247	3840	590	USL1BB3046600
68	12	1.181	0.375	70	18	2.4	1.2	1.1	2	-	4062	645	USL1BB3046800
72	12	1.181	0.375	70	18	2.4	1.2	1.1	1.9	-	4525	680	USL1BB3047200
78	12	1.188	0.375	85	18	1.1	1.2	1	1.8	-	5410	725	USL1BB3047800
84	12	1.188	0.375	85	18	1.1	1.2	1	1.6	-	6220	790	USL1BB3048400
90	12	1.188	0.375	85	18	1.1	1.2	1	1.6	-	7090	811	USL1BB3049000
96	12	1.188	0.375	85	18	1.1	1.2	1	1.4	-	8010	833	USL1BB3049600
102	12	1.188	0.375	85	18	1.1	1.2	1	1.3	-	8990	880	USL1BB30410200
108	12	1.188	0.375	85	18	1.1	1.2	1.1	1.2	-	10030	935	USL1BB30410800
120	12	1.188	0.375	85	18	1.1	1.2	1	1.1	-	12270	1,105	USL1BB30412000

 "Flexible Piping Solutions"	Proposal/Inquiry/Order No.:	NOTES:
	Customer Name:	
	Project Name:	
	Contractor:	
PRINT CERTIFICATION: Certified Correct As Of: _____ By: _____	The above expansion joints and related hardware, meet or exceed the physical, mechanical or material specifications of the Rubber Expansion Joint Div., Fluid Sealing Association. For additional information, see the Association, "Technical Handbook, Fifth Edition", Chapter II, Paragraph A.1. and Tables II, III, IV.	HAVE CONTROL UNITS BEEN ORDERED FOR THIS INSTALLATION: _____

ULTRASPOOL EXPANSION JOINT


BUTYL: SIZES 38"-120"



The Flexicraft Ultraspool expansion joints are the most versatile rubber expansion joints available. The Ultraspool expansion joints come in diameters from 1" to 120", and can be made with any elastomer material. Because single, double, and triple arch models are available, various movement requirements can be met. Non-standard designs are manufactured as required.

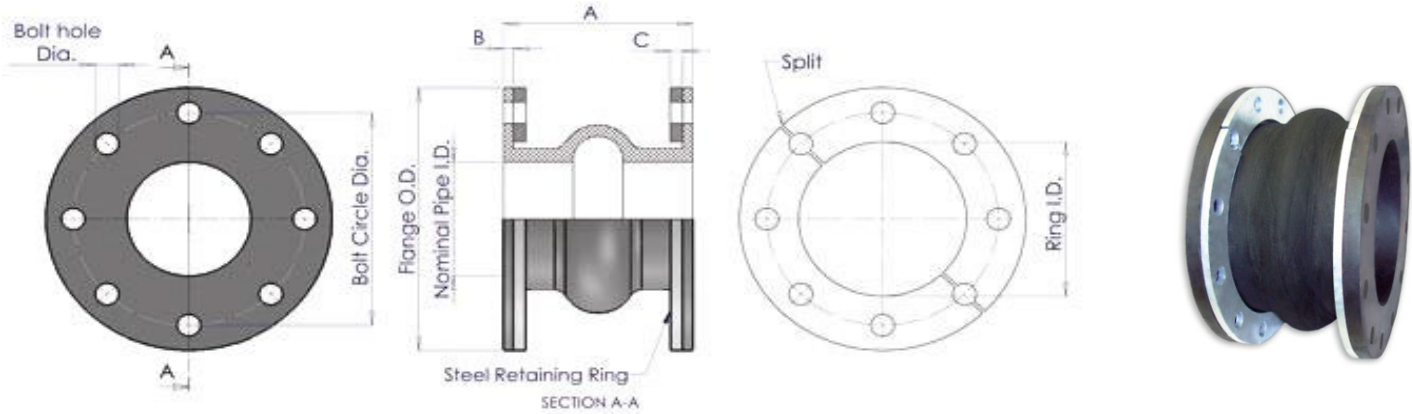
Rubber Material Butyl
 Ret Ring Material 316SS
 Temperature Rating 230°F

Dimensions				Pressure/Vacuum		Movement				Physicals		Weight	Product No.
Size	Length A	Rubber Flange	Ret Ring	psi	in Hg	Axial Comp	Axial Ext	Lateral	Angular	Spring Rate	Effective Area		
in	in	in	in			in	in	in	deg	lbs/in	in ²	lbs	
38	10	0.984	0.375	90	18	2	1	1	3	3357	1300	248	USL1BB3163800
40	10	0.984	0.375	90	18	2	1	1	2.9	3531	1435	273	USL1BB3164000
42	12	1.181	0.375	80	18	2.4	1.2	1.1	3.1	3339	1628	293	USL1BB3164200
44	12	1.181	0.375	80	18	2.4	1.2	1.1	3.1	3498	1775	302	USL1BB3164400
46	12	1.181	0.375	80	18	2.4	1.2	1.1	3.1	3652	1927	410	USL1BB3164600
48	12	1.181	0.375	80	18	2.4	1.2	1.1	2.9	3815	2085	343	USL1BB3164800
50	12	1.181	0.375	80	18	2.4	1.2	1.1	2.8	3975	2250	374	USL1BB3165000
52	12	1.181	0.375	80	18	2.4	1.2	1.1	2.6	4134	2420	392	USL1BB3165200
54	12	1.181	0.375	80	18	2.4	1.2	1.1	2.6	4293	2600	415	USL1BB3165400
56	12	1.181	0.375	80	18	2.4	1.2	1.1	2.5	4452	2930	453	USL1BB3165600
58	12	1.181	0.375	80	18	2.4	1.2	1.1	2.4	4611	3011	490	USL1BB3165800
60	12	1.181	0.375	80	18	2.4	1.2	1.1	2.3	4770	3210	510	USL1BB3166000
66	12	1.181	0.375	80	18	2.4	1.2	1.1	2.1	5247	3840	590	USL1BB3166600
68	12	1.181	0.375	70	18	2.4	1.2	1.1	2	-	4062	645	USL1BB3166800
72	12	1.181	0.375	70	18	2.4	1.2	1.1	1.9	-	4525	680	USL1BB3167200
78	12	1.188	0.375	85	18	1.1	1.2	1	1.8	-	5410	725	USL1BB3167800
84	12	1.188	0.375	85	18	1.1	1.2	1	1.6	-	6220	790	USL1BB3168400
90	12	1.188	0.375	85	18	1.1	1.2	1	1.6	-	7090	811	USL1BB3169000
96	12	1.188	0.375	85	18	1.1	1.2	1	1.4	-	8010	833	USL1BB3169600
102	12	1.188	0.375	85	18	1.1	1.2	1	1.3	-	8990	880	USL1BB31610200
108	12	1.188	0.375	85	18	1.1	1.2	1.1	1.2	-	10030	935	USL1BB31610800
120	12	1.188	0.375	85	18	1.1	1.2	1	1.1	-	12270	1,105	USL1BB31612000

 <p>"Flexible Piping Solutions"</p>	Proposal/Inquiry/Order No.:	NOTES: HAVE CONTROL UNITS BEEN ORDERED FOR THIS INSTALLATION: _____
	Customer Name:	
	Project Name:	
	Contractor:	
PRINT CERTIFICATION: Certified Correct As Of: _____ By: _____	The above expansion joints and related hardware, meet or exceed the physical, mechanical or material specifications of the Rubber Expansion Joint Div., Fluid Sealing Association. For additional information, see the Association, "Technical Handbook, Fifth Edition", Chapter II, Paragraph A.1. and Tables II, III, IV.	

ULTRASPOOL EXPANSION JOINT


NITRILE/NEOPRENE: SIZES 1 1/2" - 36"



The Flexicraft Ultraspool expansion joints are the most versatile rubber expansion joints available. The Ultraspool expansion joints come in diameters from 1" to 120", and can be made with any elastomer material. Because single, double, and triple arch models are available, various movement requirements can be met. Non-standard designs are manufactured as required.

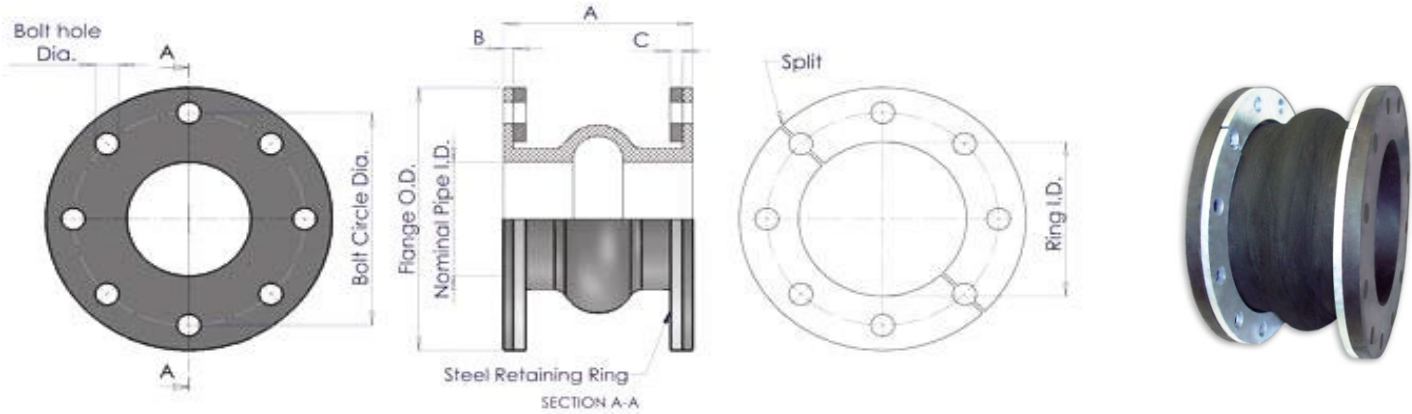
Rubber Material Nitrile/Neoprene
 Ret Ring Material Galv Carbon Steel
 Temperature Rating 230°F

Dimensions				Pressure/Vacuum		Movement				Physicals		Weight	Product No.
Size	Length A	Rubber Flange	Ret Ring			Axial Comp	Axial Ext	Lateral	Angular	Spring Rate	Effective Area		
in	in	in	in	psi	in Hg	in	in	in	deg	lbs/in	in ²	lbs	
1.5	6	0.472	0.375	200	29	1.2	0.6	0.6	38.6	265	7.5	5.5	USL1NP0150
2	6	0.472	0.375	200	29	1.4	0.7	0.6	34.2	317	12.4	8	USL1NP0200
2.5	6	0.472	0.375	200	29	1.4	0.7	0.6	28.5	397	16	9	USL1NP0250
3	6	0.472	0.375	200	29	1.4	0.7	0.6	24.4	477	19	11	USL1NP0300
4	6	0.472	0.375	200	29	1.4	0.7	0.6	18.8	636	28	16	USL1NP0400
5	6	0.551	0.375	190	29	1.4	0.7	0.6	15.2	793	38	17.5	USL1NP0500
6	6	0.551	0.375	190	29	1.4	0.7	0.6	12.8	953	50	20.5	USL1NP0600
8	6	0.630	0.375	190	26	1.4	0.7	0.6	9.7	1059	78	29.5	USL1NP0800
10	8	0.630	0.375	190	24	1.6	0.8	0.8	9.1	1324	120	40	USL1NP1000
12	8	0.748	0.375	190	20	1.6	0.8	0.8	7.6	1588	162	59	USL1NP1200
14	8	0.866	0.375	130	20	1.6	0.8	0.8	6.5	1390	210	67	USL1NP1400
16	8	0.866	0.375	115	20	1.6	0.8	0.8	5.7	1588	265	81	USL1NP1600
18	8	0.866	0.375	115	20	1.6	0.8	0.8	5.1	1787	326	90	USL1NP1800
20	8	0.984	0.375	115	20	1.6	0.8	0.8	5.6	1987	393	105	USL1NP2000
22	10	0.984	0.375	100	20	2	1	1	5.2	2185	480	114	USL1NP2200
24	10	0.984	0.375	100	20	2	1	1	4.8	2383	562	127	USL1NP2400
26	10	0.984	0.375	90	20	2	1	1	4.4	2295	650	151	USL1NP2600
28	10	0.984	0.375	90	20	2	1	1	4.1	2472	742	157	USL1NP2800
30	10	0.984	0.375	90	20	2	1	1	3.8	2649	842	180	USL1NP3000
32	10	0.984	0.375	90	20	2	1	1	3.6	2827	950	188	USL1NP3200
34	10	0.984	0.375	90	20	2	1	1	3.4	3002	1060	194	USL1NP3400
36	10	0.984	0.375	90	20	2	1	1	3.2	3178	1180	219	USL1NP3600

 "Flexible Piping Solutions"	Proposal/Inquiry/Order No.:	NOTES:
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	Contractor:	
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ULTRASPOOL EXPANSION JOINT


NITRILE/NEOPRENE: SIZES 1 1/2" - 36"



The Flexicraft Ultraspool expansion joints are the most versatile rubber expansion joints available. The Ultraspool expansion joints come in diameters from 1" to 120", and can be made with any elastomer material. Because single, double, and triple arch models are available, various movement requirements can be met. Non-standard designs are manufactured as required.

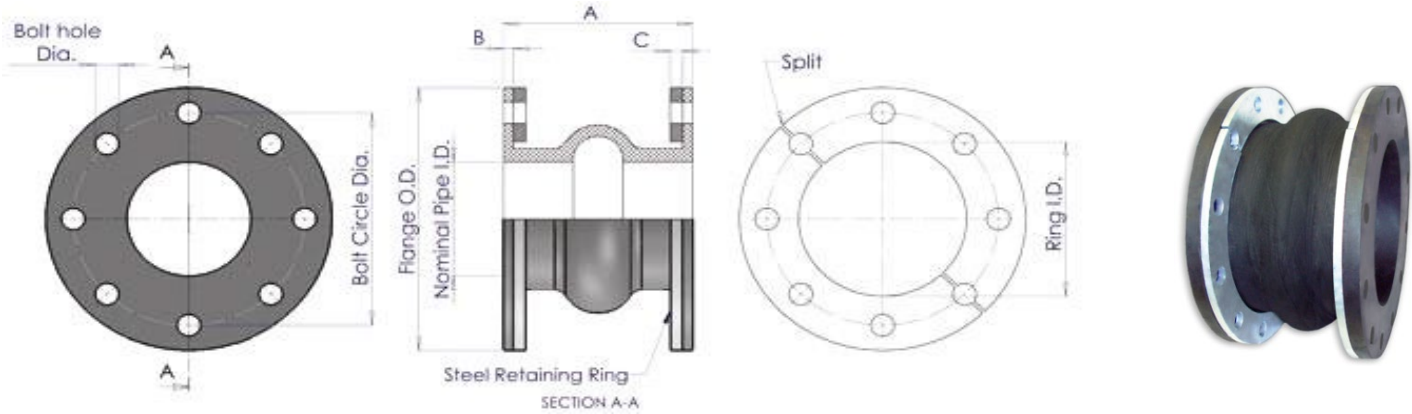
Rubber Material Nitrile/Neoprene
Ret Ring Material 304SS
Temperature Rating 230°F

Dimensions				Pressure/Vacuum		Movement				Physicals		Weight	Product No.
Size	Length A	Rubber Flange	Ret Ring			Axial Comp	Axial Ext	Lateral	Angular	Spring Rate	Effective Area		
in	in	in	in	psi	in Hg	in	in	in	deg	lbs/in	in ²	lbs	
1.5	6	0.472	0.375	200	29	1.2	0.6	0.6	38.6	265	7.5	5.5	USL1NP3040150
2	6	0.472	0.375	200	29	1.4	0.7	0.6	34.2	317	12.4	8	USL1NP3040200
2.5	6	0.472	0.375	200	29	1.4	0.7	0.6	28.5	397	16	9	USL1NP3040250
3	6	0.472	0.375	200	29	1.4	0.7	0.6	24.4	477	19	11	USL1NP3040300
4	6	0.472	0.375	200	29	1.4	0.7	0.6	18.8	636	28	16	USL1NP3040400
5	6	0.551	0.375	190	29	1.4	0.7	0.6	15.2	793	38	17.5	USL1NP3040500
6	6	0.551	0.375	190	29	1.4	0.7	0.6	12.8	953	50	20.5	USL1NP3040600
8	6	0.630	0.375	190	26	1.4	0.7	0.6	9.7	1059	78	29.5	USL1NP3040800
10	8	0.630	0.375	190	24	1.6	0.8	0.8	9.1	1324	120	40	USL1NP3041000
12	8	0.748	0.375	190	20	1.6	0.8	0.8	7.6	1588	162	59	USL1NP3041200
14	8	0.866	0.375	130	20	1.6	0.8	0.8	6.5	1390	210	67	USL1NP3041400
16	8	0.866	0.375	115	20	1.6	0.8	0.8	5.7	1588	265	81	USL1NP3041600
18	8	0.866	0.375	115	20	1.6	0.8	0.8	5.1	1787	326	90	USL1NP3041800
20	8	0.984	0.375	115	20	1.6	0.8	0.8	5.6	1987	393	105	USL1NP3042000
22	10	0.984	0.375	100	20	2	1	1	5.2	2185	480	114	USL1NP3042200
24	10	0.984	0.375	100	20	2	1	1	4.8	2383	562	127	USL1NP3042400
26	10	0.984	0.375	90	20	2	1	1	4.4	2295	650	151	USL1NP3042600
28	10	0.984	0.375	90	20	2	1	1	4.1	2472	742	157	USL1NP3042800
30	10	0.984	0.375	90	20	2	1	1	3.8	2649	842	180	USL1NP3043000
32	10	0.984	0.375	90	20	2	1	1	3.6	2827	950	188	USL1NP3043200
34	10	0.984	0.375	90	20	2	1	1	3.4	3002	1060	194	USL1NP3043400
36	10	0.984	0.375	90	20	2	1	1	3.2	3178	1180	219	USL1NP3043600

 <p>"Flexible Piping Solutions"</p>	Proposal/Inquiry/Order No.:	NOTES: HAVE CONTROL UNITS BEEN ORDERED FOR THIS INSTALLATION: _____
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ULTRASPOOL EXPANSION JOINT


NITRILE/NEOPRENE: SIZES 1 1/2" - 36"



The Flexicraft Ultraspool expansion joints are the most versatile rubber expansion joints available. The Ultraspool expansion joints come in diameters from 1" to 120", and can be made with any elastomer material. Because single, double, and triple arch models are available, various movement requirements can be met. Non-standard designs are manufactured as required.

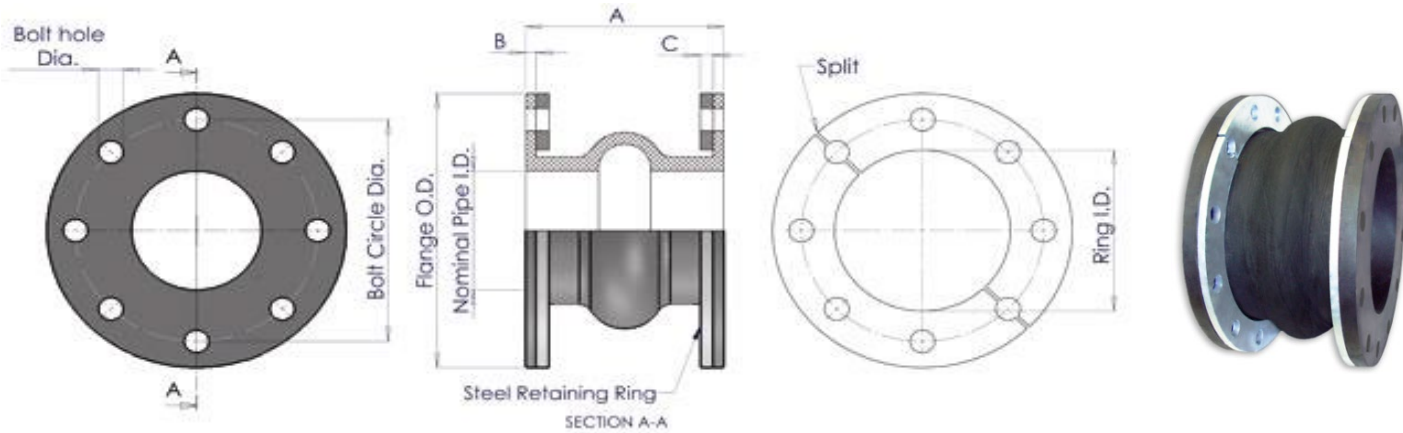
Rubber Material Nitrile/Neoprene
Ret Ring Material 316SS
Temperature Rating 230°F

Dimensions				Pressure/Vacuum		Movement				Physicals		Weight	Product No.
Size	Length A	Rubber Flange	Ret Ring			Axial Comp	Axial Ext	Lateral	Angular	Spring Rate	Effective Area		
in	in	in	in	psi	in Hg	in	in	in	deg	lbs/in	in ²	lbs	
1.5	6	0.472	0.375	200	29	1.2	0.6	0.6	38.6	265	7.5	5.5	USL1NP3160150
2	6	0.472	0.375	200	29	1.4	0.7	0.6	34.2	317	12.4	8	USL1NP3160200
2.5	6	0.472	0.375	200	29	1.4	0.7	0.6	28.5	397	16	9	USL1NP3160250
3	6	0.472	0.375	200	29	1.4	0.7	0.6	24.4	477	19	11	USL1NP3160300
4	6	0.472	0.375	200	29	1.4	0.7	0.6	18.8	636	28	16	USL1NP3160400
5	6	0.551	0.375	190	29	1.4	0.7	0.6	15.2	793	38	17.5	USL1NP3160500
6	6	0.551	0.375	190	29	1.4	0.7	0.6	12.8	953	50	20.5	USL1NP3160600
8	6	0.630	0.375	190	26	1.4	0.7	0.6	9.7	1059	78	29.5	USL1NP3160800
10	8	0.630	0.375	190	24	1.6	0.8	0.8	9.1	1324	120	40	USL1NP3161000
12	8	0.748	0.375	190	20	1.6	0.8	0.8	7.6	1588	162	59	USL1NP3161200
14	8	0.866	0.375	130	20	1.6	0.8	0.8	6.5	1390	210	67	USL1NP3161400
16	8	0.866	0.375	115	20	1.6	0.8	0.8	5.7	1588	265	81	USL1NP3161600
18	8	0.866	0.375	115	20	1.6	0.8	0.8	5.1	1787	326	90	USL1NP3161800
20	8	0.984	0.375	115	20	1.6	0.8	0.8	5.6	1987	393	105	USL1NP3162000
22	10	0.984	0.375	100	20	2	1	1	5.2	2185	480	114	USL1NP3162200
24	10	0.984	0.375	100	20	2	1	1	4.8	2383	562	127	USL1NP3162400
26	10	0.984	0.375	90	20	2	1	1	4.4	2295	650	151	USL1NP3162600
28	10	0.984	0.375	90	20	2	1	1	4.1	2472	742	157	USL1NP3162800
30	10	0.984	0.375	90	20	2	1	1	3.8	2649	842	180	USL1NP3163000
32	10	0.984	0.375	90	20	2	1	1	3.6	2827	950	188	USL1NP3163200
34	10	0.984	0.375	90	20	2	1	1	3.4	3002	1060	194	USL1NP3163400
36	10	0.984	0.375	90	20	2	1	1	3.2	3178	1180	219	USL1NP3163600

 "Flexible Piping Solutions"	Proposal/Inquiry/Order No.:	NOTES: HAVE CONTROL UNITS BEEN ORDERED FOR THIS INSTALLATION: _____
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ULTRASPOOL EXPANSION JOINT


NITRILE/NEOPRENE: SIZES 38"-120"



The Flexicraft Ultraspool expansion joints are the most versatile rubber expansion joints available. The Ultraspool expansion joints come in diameters from 1" to 120", and can be made with any elastomer material. Because single, double, and triple arch models are available, various movement requirements can be met. Non-standard designs are manufactured as required.

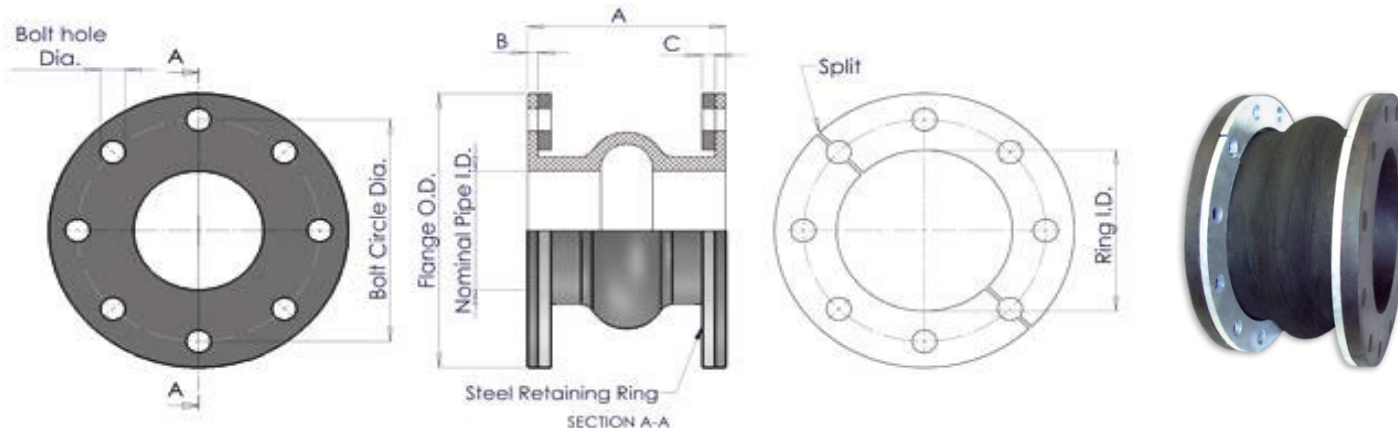
Rubber Material Nitrile/Neoprene
 Ret Ring Material Galv Carbon Steel
 Temperature Rating 230°F

Dimensions				Pressure/Vacuum		Movement				Physicals		Weight	Product No.
Size	Length A	Rubber Flange	Ret Ring			Axial Comp	Axial Ext	Lateral	Angular	Spring Rate	Effective Area		
in	in	in	in	psi	in Hg	in	in	in	deg	lbs/in	in ²	lbs	
38	10	0.984	0.375	90	18	2	1	1	3	3357	1300	248	USL1NP3800
40	10	0.984	0.375	90	18	2	1	1	2.9	3531	1435	273	USL1NP4000
42	12	1.181	0.375	80	18	2.4	1.2	1.1	3.1	3339	1628	293	USL1NP4200
44	12	1.181	0.375	80	18	2.4	1.2	1.1	3.1	3498	1775	302	USL1NP4400
46	12	1.181	0.375	80	18	2.4	1.2	1.1	3.1	3652	1927	410	USL1NP4600
48	12	1.181	0.375	80	18	2.4	1.2	1.1	2.9	3815	2085	343	USL1NP4800
50	12	1.181	0.375	80	18	2.4	1.2	1.1	2.8	3975	2250	374	USL1NP5000
52	12	1.181	0.375	80	18	2.4	1.2	1.1	2.6	4134	2420	392	USL1NP5200
54	12	1.181	0.375	80	18	2.4	1.2	1.1	2.6	4293	2600	415	USL1NP5400
56	12	1.181	0.375	80	18	2.4	1.2	1.1	2.5	4452	2930	453	USL1NP5600
58	12	1.181	0.375	80	18	2.4	1.2	1.1	2.4	4611	3011	490	USL1NP5800
60	12	1.181	0.375	80	18	2.4	1.2	1.1	2.3	4770	3210	510	USL1NP6000
66	12	1.181	0.375	80	18	2.4	1.2	1.1	2.1	5247	3840	590	USL1NP6600
68	12	1.181	0.375	70	18	2.4	1.2	1.1	2	-	4062	645	USL1NP6800
72	12	1.181	0.375	70	18	2.4	1.2	1.1	1.9	-	4525	680	USL1NP7200
78	12	1.188	0.375	85	18	1.1	1.2	1	1.8	-	5410	725	USL1NP7800
84	12	1.188	0.375	85	18	1.1	1.2	1	1.6	-	6220	790	USL1NP8400
90	12	1.188	0.375	85	18	1.1	1.2	1	1.6	-	7090	811	USL1NP9000
96	12	1.188	0.375	85	18	1.1	1.2	1	1.4	-	8010	833	USL1NP9600
102	12	1.188	0.375	85	18	1.1	1.2	1	1.3	-	8990	880	USL1NP10200
108	12	1.188	0.375	85	18	1.1	1.2	1.1	1.2	-	10030	935	USL1NP10800
120	12	1.188	0.375	85	18	1.1	1.2	1	1.1	-	12270	1,105	USL1NP12000

 "Flexible Piping Solutions"	Proposal/Inquiry/Order No.:	NOTES:
	Customer Name:	
	Project Name:	
	Contractor:	
PRINT CERTIFICATION: Certified Correct As Of: _____ By: _____	The above expansion joints and related hardware, meet or exceed the physical, mechanical or material specifications of the Rubber Expansion Joint Div., Fluid Sealing Association. For additional information, see the Association, "Technical Handbook, Fifth Edition", Chapter II, Paragraph A.1. and Tables II, III, IV.	HAVE CONTROL UNITS BEEN ORDERED FOR THIS INSTALLATION: _____

ULTRASPOOL EXPANSION JOINT


NITRILE/NEOPRENE: SIZES 38"-120"



The Flexicraft Ultraspool expansion joints are the most versatile rubber expansion joints available. The Ultraspool expansion joints come in diameters from 1" to 120", and can be made with any elastomer material. Because single, double, and triple arch models are available, various movement requirements can be met. Non-standard designs are manufactured as required.

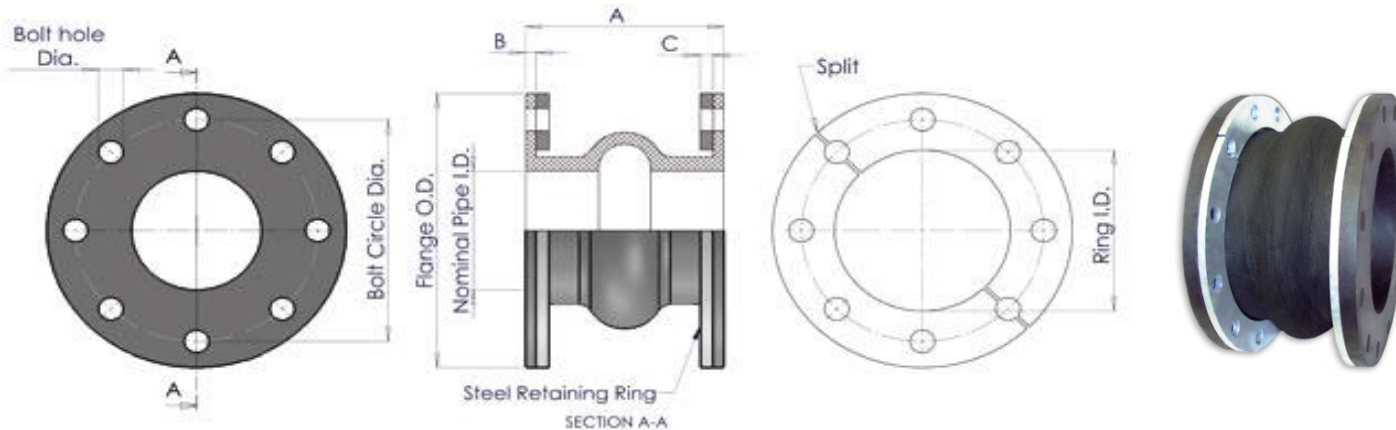
Rubber Material Nitrile/Neoprene
 Ret Ring Material 304SS
 Temperature Rating 230°F

Dimensions				Pressure/Vacuum		Movement				Physicals		Weight	Product No.
Size	Length A	Rubber Flange	Ret Ring			Axial Comp	Axial Ext	Lateral	Angular	Spring Rate	Effective Area		
in	in	in	in	psi	in Hg	in	in	in	deg	lbs/in	in ²	lbs	
38	10	0.984	0.375	90	18	2	1	1	3	3357	1300	248	USL1NP3043800
40	10	0.984	0.375	90	18	2	1	1	2.9	3531	1435	273	USL1NP3044000
42	12	1.181	0.375	80	18	2.4	1.2	1.1	3.1	3339	1628	293	USL1NP3044200
44	12	1.181	0.375	80	18	2.4	1.2	1.1	3.1	3498	1775	302	USL1NP3044400
46	12	1.181	0.375	80	18	2.4	1.2	1.1	3.1	3652	1927	410	USL1NP3044600
48	12	1.181	0.375	80	18	2.4	1.2	1.1	2.9	3815	2085	343	USL1NP3044800
50	12	1.181	0.375	80	18	2.4	1.2	1.1	2.8	3975	2250	374	USL1NP3045000
52	12	1.181	0.375	80	18	2.4	1.2	1.1	2.6	4134	2420	392	USL1NP3045200
54	12	1.181	0.375	80	18	2.4	1.2	1.1	2.6	4293	2600	415	USL1NP3045400
56	12	1.181	0.375	80	18	2.4	1.2	1.1	2.5	4452	2930	453	USL1NP3045600
58	12	1.181	0.375	80	18	2.4	1.2	1.1	2.4	4611	3011	490	USL1NP3045800
60	12	1.181	0.375	80	18	2.4	1.2	1.1	2.3	4770	3210	510	USL1NP3046000
66	12	1.181	0.375	80	18	2.4	1.2	1.1	2.1	5247	3840	590	USL1NP3046600
68	12	1.181	0.375	70	18	2.4	1.2	1.1	2	-	4062	645	USL1NP3046800
72	12	1.181	0.375	70	18	2.4	1.2	1.1	1.9	-	4525	680	USL1NP3047200
78	12	1.188	0.375	85	18	1.1	1.2	1	1.8	-	5410	725	USL1NP3047800
84	12	1.188	0.375	85	18	1.1	1.2	1	1.6	-	6220	790	USL1NP3048400
90	12	1.188	0.375	85	18	1.1	1.2	1	1.6	-	7090	811	USL1NP3049000
96	12	1.188	0.375	85	18	1.1	1.2	1	1.4	-	8010	833	USL1NP3049600
102	12	1.188	0.375	85	18	1.1	1.2	1	1.3	-	8990	880	USL1NP30410200
108	12	1.188	0.375	85	18	1.1	1.2	1.1	1.2	-	10030	935	USL1NP30410800
120	12	1.188	0.375	85	18	1.1	1.2	1	1.1	-	12270	1,105	USL1NP30412000

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ULTRASPOOL EXPANSION JOINT


NITRILE/NEOPRENE: SIZES 38"-120"



The Flexicraft Ultraspool expansion joints are the most versatile rubber expansion joints available. The Ultraspool expansion joints come in diameters from 1" to 120", and can be made with any elastomer material. Because single, double, and triple arch models are available, various movement requirements can be met. Non-standard designs are manufactured as required.

Rubber Material Nitrile/Neoprene
 Ret Ring Material 316SS
 Temperature Rating 230°F

Dimensions				Pressure/Vacuum		Movement				Physicals		Weight	Product No.
Size	Length A	Rubber Flange	Ret Ring			Axial Comp	Axial Ext	Lateral	Angular	Spring Rate	Effective Area		
in	in	in	in	psi	in Hg	in	in	in	deg	lbs/in	in ²	lbs	
38	10	0.984	0.375	90	18	2	1	1	3	3357	1300	248	USL1NP3163800
40	10	0.984	0.375	90	18	2	1	1	2.9	3531	1435	273	USL1NP3164000
42	12	1.181	0.375	80	18	2.4	1.2	1.1	3.1	3339	1628	293	USL1NP3164200
44	12	1.181	0.375	80	18	2.4	1.2	1.1	3.1	3498	1775	302	USL1NP3164400
46	12	1.181	0.375	80	18	2.4	1.2	1.1	3.1	3652	1927	410	USL1NP3164600
48	12	1.181	0.375	80	18	2.4	1.2	1.1	2.9	3815	2085	343	USL1NP3164800
50	12	1.181	0.375	80	18	2.4	1.2	1.1	2.8	3975	2250	374	USL1NP3165000
52	12	1.181	0.375	80	18	2.4	1.2	1.1	2.6	4134	2420	392	USL1NP3165200
54	12	1.181	0.375	80	18	2.4	1.2	1.1	2.6	4293	2600	415	USL1NP3165400
56	12	1.181	0.375	80	18	2.4	1.2	1.1	2.5	4452	2930	453	USL1NP3165600
58	12	1.181	0.375	80	18	2.4	1.2	1.1	2.4	4611	3011	490	USL1NP3165800
60	12	1.181	0.375	80	18	2.4	1.2	1.1	2.3	4770	3210	510	USL1NP3166000
66	12	1.181	0.375	80	18	2.4	1.2	1.1	2.1	5247	3840	590	USL1NP3166600
68	12	1.181	0.375	70	18	2.4	1.2	1.1	2	-	4062	645	USL1NP3166800
72	12	1.181	0.375	70	18	2.4	1.2	1.1	1.9	-	4525	680	USL1NP3167200
78	12	1.188	0.375	85	18	1.1	1.2	1	1.8	-	5410	725	USL1NP3167800
84	12	1.188	0.375	85	18	1.1	1.2	1	1.6	-	6220	790	USL1NP3168400
90	12	1.188	0.375	85	18	1.1	1.2	1	1.6	-	7090	811	USL1NP3169000
96	12	1.188	0.375	85	18	1.1	1.2	1	1.4	-	8010	833	USL1NP3169600
102	12	1.188	0.375	85	18	1.1	1.2	1	1.3	-	8990	880	USL1NP31610200
108	12	1.188	0.375	85	18	1.1	1.2	1.1	1.2	-	10030	935	USL1NP31610800
120	12	1.188	0.375	85	18	1.1	1.2	1	1.1	-	12270	1,105	USL1NP31612000

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