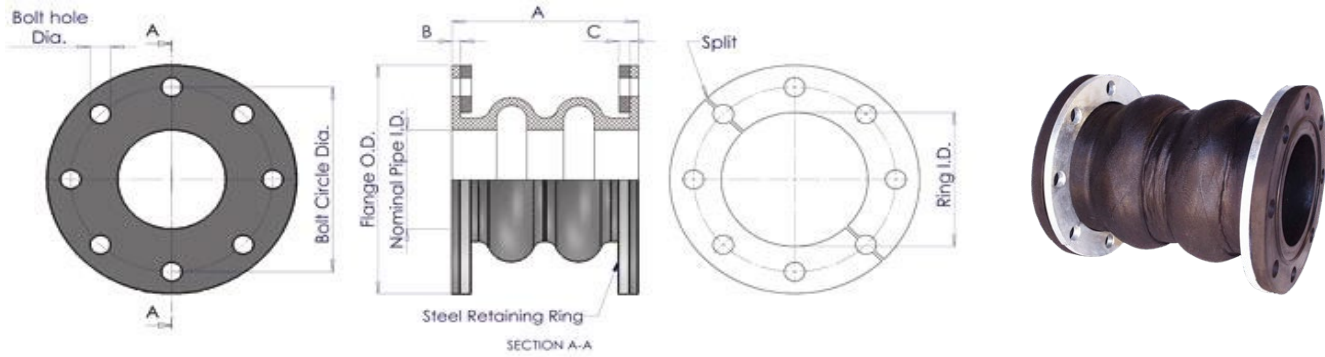


ULTRASPOOL DOUBLE EXPANSION JOINT


EPDM RUBBER



The Flexicraft Ultraspool expansion joints are the most versatile rubber expansion joints available. The double arch design has greater allowed movements than the single arch.

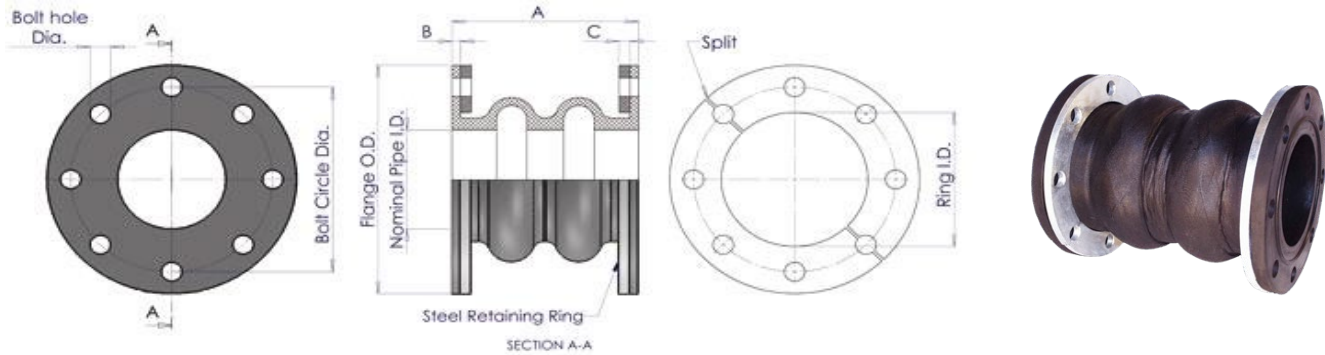
Rubber Material EPDM
 Ret Ring Material Galv Carbon Steel
 Temperature Rating 250°F

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	12	0.472	0.375	200	29	2.4	1.2	1.2	58	132	7.5	5.5	USL2EE0150
2	12	0.472	0.375	200	29	2.8	1.4	1.2	53.8	159	12.4	8	USL2EE0200
2.5	12	0.472	0.375	200	29	2.8	1.4	1.2	47.4	199	16	9	USL2EE0250
3	12	0.472	0.375	200	29	2.8	1.4	1.2	42.2	238	19	11.5	USL2EE0300
4	12	0.472	0.375	200	29	2.8	1.4	1.2	34.2	318	28	16.5	USL2EE0400
5	12	0.551	0.375	190	29	2.8	1.4	1.2	28.6	397	38	18	USL2EE0500
6	12	0.551	0.375	190	29	2.8	1.4	1.2	24.4	477	50	21	USL2EE0600
8	12	0.630	0.375	190	24	2.8	1.4	1.2	18.8	530	78	30.5	USL2EE0800
10	12	0.630	0.375	190	20	3.2	1.6	1.6	17.8	662	120	33.6	USL2EE1000
12	12	0.748	0.375	190	20	3.2	1.6	1.6	14.9	794	162	60.5	USL2EE1200
14	12	0.866	0.375	140	20	3.2	1.6	1.6	12.9	695	210	71	USL2EE1400
16	12	0.866	0.375	110	20	3.2	1.6	1.6	11.3	794	265	86.5	USL2EE1600
18	14	0.866	0.375	110	20	3.2	1.6	1.6	10.1	893	326	94.5	USL2EE1800
20	14	0.984	0.375	110	20	3.2	1.6	1.6	9.1	993	393	111	USL2EE2000
24	16	0.984	0.375	100	20	4	2	2	9.5	1192	562	136	USL2EE2400
30	16	0.984	0.375	90	18	4	2	2	7.6	1325	842	190	USL2EE3000
34	16	0.984	0.375	90	18	4	2	2	6.7	1501	1060	206	USL2EE3400
36	16	0.984	0.375	90	18	4	2	2	6.3	1589	1180	232	USL2EE3600
42	16	0.984	0.375	80	18	4.8	2.4	2.2	6.5	1670	1628	311	USL2EE4200
48	16	0.984	0.375	80	18	4.8	2.4	2.2	5.7	1987	2250	354	USL2EE4800

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

ULTRASPOOL DOUBLE EXPANSION JOINT


EPDM RUBBER



The Flexicraft Ultraspool expansion joints are the most versatile rubber expansion joints available. The double arch design has greater allowed movements than the single arch.

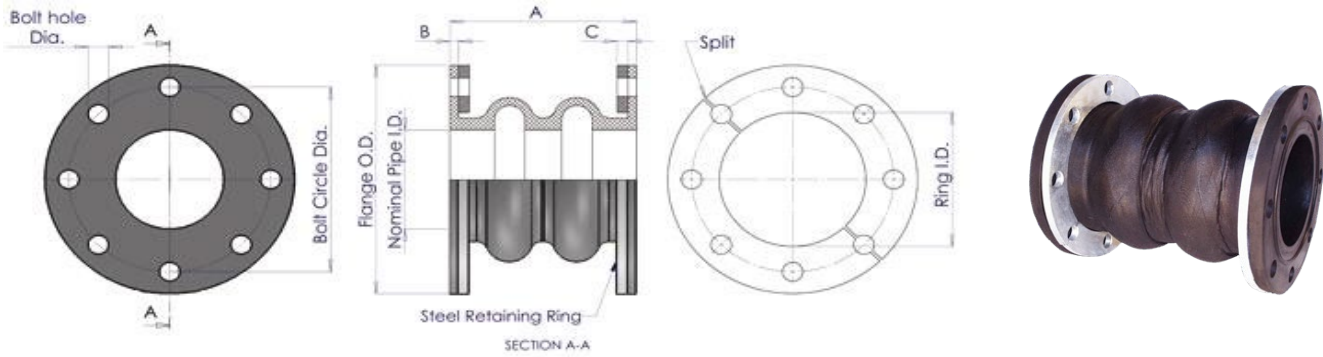
Rubber Material EPDM
 Ret Ring Material 304SS
 Temperature Rating 250°F

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	
1.5	12	0.472	0.375	200	29	2.4	1.2	1.2	58	132	7.5	5.5	USL2EE3040150
2	12	0.472	0.375	200	29	2.8	1.4	1.2	53.8	159	12.4	8	USL2EE3040200
2.5	12	0.472	0.375	200	29	2.8	1.4	1.2	47.4	199	16	9	USL2EE3040250
3	12	0.472	0.375	200	29	2.8	1.4	1.2	42.2	238	19	11.5	USL2EE3040300
4	12	0.472	0.375	200	29	2.8	1.4	1.2	34.2	318	28	16.5	USL2EE3040400
5	12	0.551	0.375	190	29	2.8	1.4	1.2	28.6	397	38	18	USL2EE3040500
6	12	0.551	0.375	190	29	2.8	1.4	1.2	24.4	477	50	21	USL2EE3040600
8	12	0.630	0.375	190	24	2.8	1.4	1.2	18.8	530	78	30.5	USL2EE3040800
10	12	0.630	0.375	190	20	3.2	1.6	1.6	17.8	662	120	33.6	USL2EE3041000
12	12	0.748	0.375	190	20	3.2	1.6	1.6	14.9	794	162	60.5	USL2EE3041200
14	12	0.866	0.375	140	20	3.2	1.6	1.6	12.9	695	210	71	USL2EE3041400
16	12	0.866	0.375	110	20	3.2	1.6	1.6	11.3	794	265	86.5	USL2EE3041600
18	14	0.866	0.375	110	20	3.2	1.6	1.6	10.1	893	326	94.5	USL2EE3041800
20	14	0.984	0.375	110	20	3.2	1.6	1.6	9.1	993	393	111	USL2EE3042000
24	16	0.984	0.375	100	20	4	2	2	9.5	1192	562	136	USL2EE3042400
30	16	0.984	0.375	90	18	4	2	2	7.6	1325	842	190	USL2EE3043000
34	16	0.984	0.375	90	18	4	2	2	6.7	1501	1060	206	USL2EE3043400
36	16	0.984	0.375	90	18	4	2	2	6.3	1589	1180	232	USL2EE3043600
42	16	0.984	0.375	80	18	4.8	2.4	2.2	6.5	1670	1628	311	USL2EE3044200
48	16	0.984	0.375	80	18	4.8	2.4	2.2	5.7	1987	2250	354	USL2EE3044800

 "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 DOUBLE EXPANSION JOINT

EPDM RUBBER



The Flexicraft Ultraspool expansion joints are the most versatile rubber expansion joints available. The double arch design has greater allowed movements than the single arch.

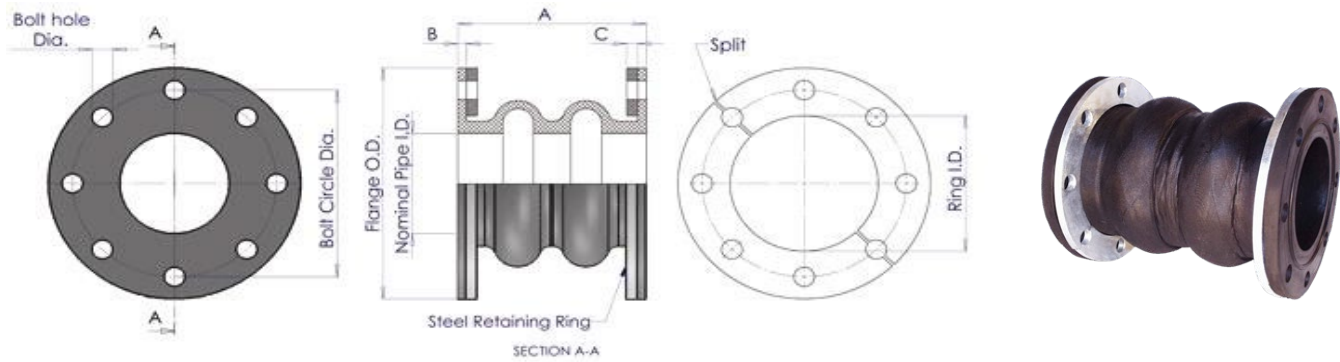
Rubber Material EPDM
 Ret Ring Material 316SS
 Temperature Rating 250°F

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	12	0.472	0.375	200	29	2.4	1.2	1.2	58	132	7.5	5.5	USL2EE3160150
2	12	0.472	0.375	200	29	2.8	1.4	1.2	53.8	159	12.4	8	USL2EE3160200
2.5	12	0.472	0.375	200	29	2.8	1.4	1.2	47.4	199	16	9	USL2EE3160250
3	12	0.472	0.375	200	29	2.8	1.4	1.2	42.2	238	19	11.5	USL2EE3160300
4	12	0.472	0.375	200	29	2.8	1.4	1.2	34.2	318	28	16.5	USL2EE3160400
5	12	0.551	0.375	190	29	2.8	1.4	1.2	28.6	397	38	18	USL2EE3160500
6	12	0.551	0.375	190	29	2.8	1.4	1.2	24.4	477	50	21	USL2EE3160600
8	12	0.630	0.375	190	24	2.8	1.4	1.2	18.8	530	78	30.5	USL2EE3160800
10	12	0.630	0.375	190	20	3.2	1.6	1.6	17.8	662	120	33.6	USL2EE3161000
12	12	0.748	0.375	190	20	3.2	1.6	1.6	14.9	794	162	60.5	USL2EE3161200
14	12	0.866	0.375	140	20	3.2	1.6	1.6	12.9	695	210	71	USL2EE3161400
16	12	0.866	0.375	110	20	3.2	1.6	1.6	11.3	794	265	86.5	USL2EE3161600
18	14	0.866	0.375	110	20	3.2	1.6	1.6	10.1	893	326	94.5	USL2EE3161800
20	14	0.984	0.375	110	20	3.2	1.6	1.6	9.1	993	393	111	USL2EE3162000
24	16	0.984	0.375	100	20	4	2	2	9.5	1192	562	136	USL2EE3162400
30	16	0.984	0.375	90	18	4	2	2	7.6	1325	842	190	USL2EE3163000
34	16	0.984	0.375	90	18	4	2	2	6.7	1501	1060	206	USL2EE3163400
36	16	0.984	0.375	90	18	4	2	2	6.3	1589	1180	232	USL2EE3163600
42	16	0.984	0.375	80	18	4.8	2.4	2.2	6.5	1670	1628	311	USL2EE3164200
48	16	0.984	0.375	80	18	4.8	2.4	2.2	5.7	1987	2250	354	USL2EE3164800

<p>"Flexible Piping Solutions"</p>	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 DOUBLE EXPANSION JOINT

NEOPRENE RUBBER



The Flexicraft Ultraspool expansion joints are the most versatile rubber expansion joints available. The double arch design has greater allowed movements than the single arch.

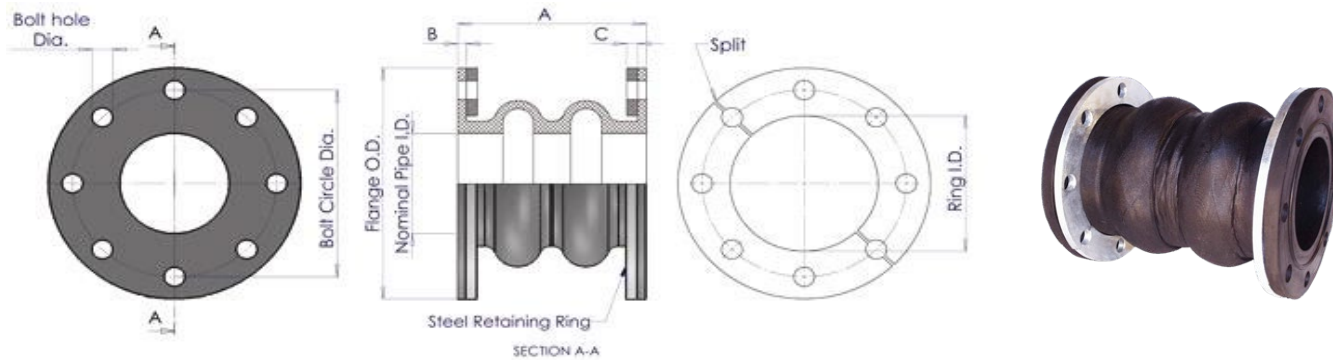
Rubber Material Neoprene
 Ret Ring Material Galv Carbon Steel
 Temperature Rating 230°F

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	12	0.472	0.375	200	29	2.4	1.2	1.2	58	132	7.5	5.5	USL2NN0150
2	12	0.472	0.375	200	29	2.8	1.4	1.2	53.8	159	12.4	8	USL2NN0200
2.5	12	0.472	0.375	200	29	2.8	1.4	1.2	47.4	199	16	9	USL2NN0250
3	12	0.472	0.375	200	29	2.8	1.4	1.2	42.2	238	19	11.5	USL2NN0300
4	12	0.472	0.375	200	29	2.8	1.4	1.2	34.2	318	28	16.5	USL2NN0400
5	12	0.551	0.375	190	29	2.8	1.4	1.2	28.6	397	38	18	USL2NN0500
6	12	0.551	0.375	190	29	2.8	1.4	1.2	24.4	477	50	21	USL2NN0600
8	12	0.630	0.375	190	24	2.8	1.4	1.2	18.8	530	78	30.5	USL2NN0800
10	12	0.630	0.375	190	20	3.2	1.6	1.6	17.8	662	120	33.6	USL2NN1000
12	12	0.748	0.375	190	20	3.2	1.6	1.6	14.9	794	162	60.5	USL2NN1200
14	12	0.866	0.375	140	20	3.2	1.6	1.6	12.9	695	210	71	USL2NN1400
16	12	0.866	0.375	110	20	3.2	1.6	1.6	11.3	794	265	86.5	USL2NN1600
18	14	0.866	0.375	110	20	3.2	1.6	1.6	10.1	893	326	94.5	USL2NN1800
20	14	0.984	0.375	110	20	3.2	1.6	1.6	9.1	993	393	111	USL2NN2000
24	16	0.984	0.375	100	20	4	2	2	9.5	1192	562	136	USL2NN2400
30	16	0.984	0.375	90	18	4	2	2	7.6	1325	842	190	USL2NN3000
34	16	0.984	0.375	90	18	4	2	2	6.7	1501	1060	206	USL2NN3400
36	16	0.984	0.375	90	18	4	2	2	6.3	1589	1180	232	USL2NN3600
42	16	0.984	0.375	80	18	4.8	2.4	2.2	6.5	1670	1628	311	USL2NN4200
48	16	0.984	0.375	80	18	4.8	2.4	2.2	5.7	1987	2250	354	USL2NN4800

<p>"Flexible Piping Solutions"</p>	Proposal/Inquiry/Order No.: _____	NOTES:
	Customer Name: _____	
	Project Name: _____	
<p>PRINT CERTIFICATION:</p> Certified Correct As Of: _____ By: _____	Contractor: _____	HAVE CONTROL UNITS BEEN ORDERED FOR THIS INSTALLATION: _____
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ULTRASPOOL DOUBLE EXPANSION JOINT


NEOPRENE RUBBER



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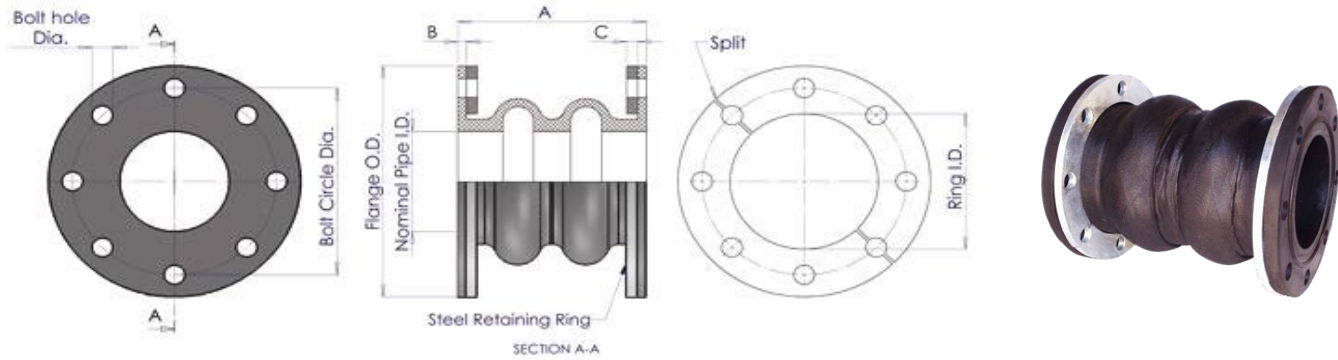
Rubber Material Neoprene
 Ret Ring Material 304SS
 Temperature Rating 230°F

Dimensions				Pressure/Vacuum		Movement				Physicals		Weight lbs	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		
1.5	12	0.472	0.375	200	29	2.4	1.2	1.2	58	132	7.5	5.5	USL2NN3040150
2	12	0.472	0.375	200	29	2.8	1.4	1.2	53.8	159	12.4	8	USL2NN3040200
2.5	12	0.472	0.375	200	29	2.8	1.4	1.2	47.4	199	16	9	USL2NN3040250
3	12	0.472	0.375	200	29	2.8	1.4	1.2	42.2	238	19	11.5	USL2NN3040300
4	12	0.472	0.375	200	29	2.8	1.4	1.2	34.2	318	28	16.5	USL2NN3040400
5	12	0.551	0.375	190	29	2.8	1.4	1.2	28.6	397	38	18	USL2NN3040500
6	12	0.551	0.375	190	29	2.8	1.4	1.2	24.4	477	50	21	USL2NN3040600
8	12	0.630	0.375	190	24	2.8	1.4	1.2	18.8	530	78	30.5	USL2NN3040800
10	12	0.630	0.375	190	20	3.2	1.6	1.6	17.8	662	120	33.6	USL2NN3041000
12	12	0.748	0.375	190	20	3.2	1.6	1.6	14.9	794	162	60.5	USL2NN3041200
14	12	0.866	0.375	140	20	3.2	1.6	1.6	12.9	695	210	71	USL2NN3041400
16	12	0.866	0.375	110	20	3.2	1.6	1.6	11.3	794	265	86.5	USL2NN3041600
18	14	0.866	0.375	110	20	3.2	1.6	1.6	10.1	893	326	94.5	USL2NN3041800
20	14	0.984	0.375	110	20	3.2	1.6	1.6	9.1	993	393	111	USL2NN3042000
24	16	0.984	0.375	100	20	4	2	2	9.5	1192	562	136	USL2NN3042400
30	16	0.984	0.375	90	18	4	2	2	7.6	1325	842	190	USL2NN3043000
34	16	0.984	0.375	90	18	4	2	2	6.7	1501	1060	206	USL2NN3043400
36	16	0.984	0.375	90	18	4	2	2	6.3	1589	1180	232	USL2NN3043600
42	16	0.984	0.375	80	18	4.8	2.4	2.2	6.5	1670	1628	311	USL2NN3044200
48	16	0.984	0.375	80	18	4.8	2.4	2.2	5.7	1987	2250	354	USL2NN3044800

 <p>"Flexible Piping Solutions"</p>	Proposal/Inquiry/Order No.: _____	NOTES: _____ _____ _____ _____ _____
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	Project Name: _____	
	Contractor: _____	
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ULTRASPOOL DOUBLE EXPANSION JOINT


NEOPRENE RUBBER



The Flexicraft Ultraspool expansion joints are the most versatile rubber expansion joints available. The double arch design has greater allowed movements than the single arch.

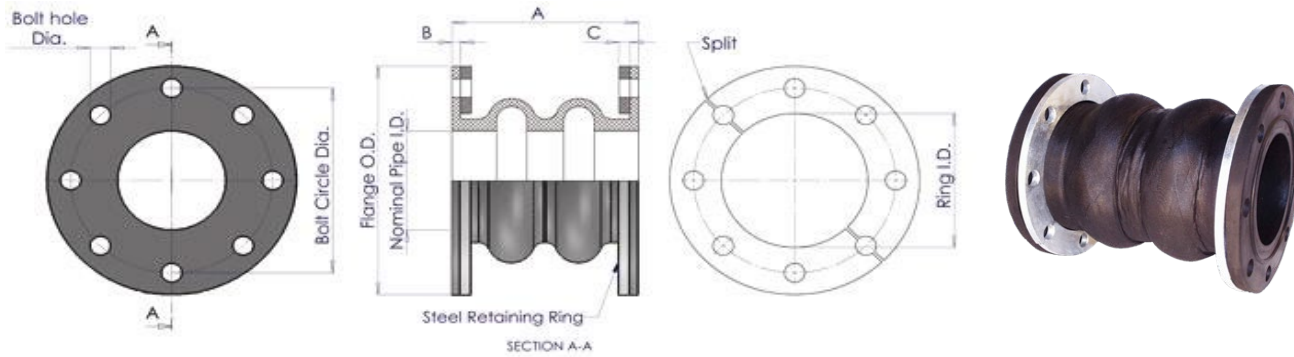
Rubber Material Neoprene
Ret Ring Material 316SS
Temperature Rating 230°F

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	12	0.472	0.375	200	29	2.4	1.2	1.2	58	132	7.5	5.5	USL2NN3160150
2	12	0.472	0.375	200	29	2.8	1.4	1.2	53.8	159	12.4	8	USL2NN3160200
2.5	12	0.472	0.375	200	29	2.8	1.4	1.2	47.4	199	16	9	USL2NN3160250
3	12	0.472	0.375	200	29	2.8	1.4	1.2	42.2	238	19	11.5	USL2NN3160300
4	12	0.472	0.375	200	29	2.8	1.4	1.2	34.2	318	28	16.5	USL2NN3160400
5	12	0.551	0.375	190	29	2.8	1.4	1.2	28.6	397	38	18	USL2NN3160500
6	12	0.551	0.375	190	29	2.8	1.4	1.2	24.4	477	50	21	USL2NN3160600
8	12	0.630	0.375	190	24	2.8	1.4	1.2	18.8	530	78	30.5	USL2NN3160800
10	12	0.630	0.375	190	20	3.2	1.6	1.6	17.8	662	120	33.6	USL2NN3161000
12	12	0.748	0.375	190	20	3.2	1.6	1.6	14.9	794	162	60.5	USL2NN3161200
14	12	0.866	0.375	140	20	3.2	1.6	1.6	12.9	695	210	71	USL2NN3161400
16	12	0.866	0.375	110	20	3.2	1.6	1.6	11.3	794	265	86.5	USL2NN3161600
18	14	0.866	0.375	110	20	3.2	1.6	1.6	10.1	893	326	94.5	USL2NN3161800
20	14	0.984	0.375	110	20	3.2	1.6	1.6	9.1	993	393	111	USL2NN3162000
24	16	0.984	0.375	100	20	4	2	2	9.5	1192	562	136	USL2NN3162400
30	16	0.984	0.375	90	18	4	2	2	7.6	1325	842	190	USL2NN3163000
34	16	0.984	0.375	90	18	4	2	2	6.7	1501	1060	206	USL2NN3163400
36	16	0.984	0.375	90	18	4	2	2	6.3	1589	1180	232	USL2NN3163600
42	16	0.984	0.375	80	18	4.8	2.4	2.2	6.5	1670	1628	311	USL2NN3164200
48	16	0.984	0.375	80	18	4.8	2.4	2.2	5.7	1987	2250	354	USL2NN3164800

 <p>"Flexible Piping Solutions"</p>	Proposal/Inquiry/Order No.:	NOTES: HAVE CONTROL UNITS BEEN ORDERED FOR THIS INSTALLATION: _____
	Customer Name:	
	Project Name:	
	Contractor:	
<p>PRINT CERTIFICATION:</p> 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 DOUBLE EXPANSION JOINT


BUTYL RUBBER



The Flexicraft Ultraspool expansion joints are the most versatile rubber expansion joints available. The double arch design has greater allowed movements than the single arch.

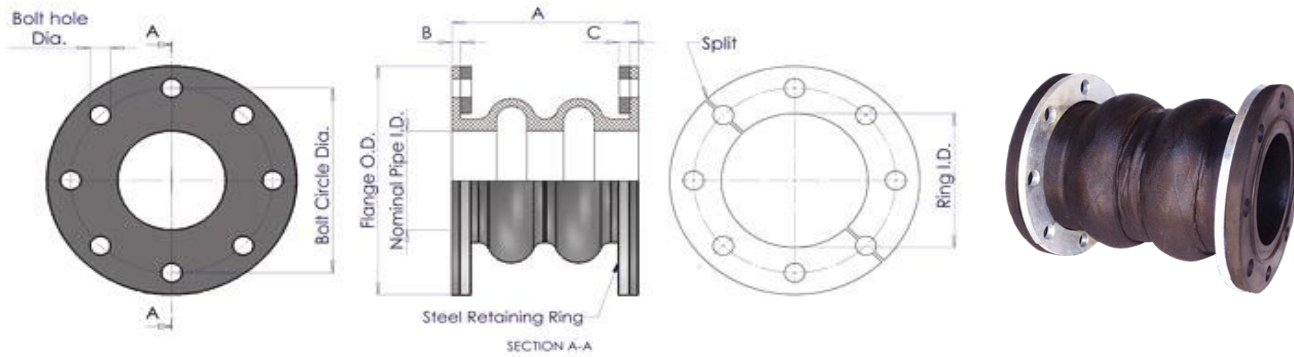
Rubber Material Butyl
Ret Ring Material Galv Carbon Steel
Temperature Rating 230°F

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	12	0.472	0.375	200	29	2.4	1.2	1.2	58	132	7.5	5.5	USL2BB0150
2	12	0.472	0.375	200	29	2.8	1.4	1.2	53.8	159	12.4	8	USL2BB0200
2.5	12	0.472	0.375	200	29	2.8	1.4	1.2	47.4	199	16	9	USL2BB0250
3	12	0.472	0.375	200	29	2.8	1.4	1.2	42.2	238	19	11.5	USL2BB0300
4	12	0.472	0.375	200	29	2.8	1.4	1.2	34.2	318	28	16.5	USL2BB0400
5	12	0.551	0.375	190	29	2.8	1.4	1.2	28.6	397	38	18	USL2BB0500
6	12	0.551	0.375	190	29	2.8	1.4	1.2	24.4	477	50	21	USL2BB0600
8	12	0.630	0.375	190	24	2.8	1.4	1.2	18.8	530	78	30.5	USL2BB0800
10	12	0.630	0.375	190	20	3.2	1.6	1.6	17.8	662	120	33.6	USL2BB1000
12	12	0.748	0.375	190	20	3.2	1.6	1.6	14.9	794	162	60.5	USL2BB1200
14	12	0.866	0.375	140	20	3.2	1.6	1.6	12.9	695	210	71	USL2BB1400
16	12	0.866	0.375	110	20	3.2	1.6	1.6	11.3	794	265	86.5	USL2BB1600
18	14	0.866	0.375	110	20	3.2	1.6	1.6	10.1	893	326	94.5	USL2BB1800
20	14	0.984	0.375	110	20	3.2	1.6	1.6	9.1	993	393	111	USL2BB2000
24	16	0.984	0.375	100	20	4	2	2	9.5	1192	562	136	USL2BB2400
30	16	0.984	0.375	90	18	4	2	2	7.6	1325	842	190	USL2BB3000
34	16	0.984	0.375	90	18	4	2	2	6.7	1501	1060	206	USL2BB3400
36	16	0.984	0.375	90	18	4	2	2	6.3	1589	1180	232	USL2BB3600
42	16	0.984	0.375	80	18	4.8	2.4	2.2	6.5	1670	1628	311	USL2BB4200
48	16	0.984	0.375	80	18	4.8	2.4	2.2	5.7	1987	2250	354	USL2BB4800

 "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 DOUBLE EXPANSION JOINT


BUTYL RUBBER



The Flexicraft Ultraspool expansion joints are the most versatile rubber expansion joints available. The double arch design has greater allowed movements than the single arch.

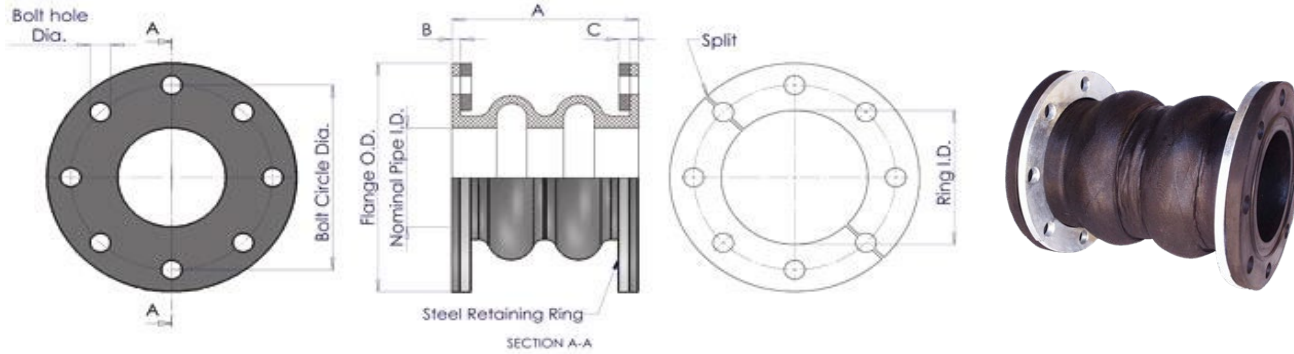
Rubber Material Butyl
Ret Ring Material 304SS
Temperature Rating 230°F

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	12	0.472	0.375	200	29	2.4	1.2	1.2	58	132	7.5	5.5	USL2BB3040150
2	12	0.472	0.375	200	29	2.8	1.4	1.2	53.8	159	12.4	8	USL2BB3040200
2.5	12	0.472	0.375	200	29	2.8	1.4	1.2	47.4	199	16	9	USL2BB3040250
3	12	0.472	0.375	200	29	2.8	1.4	1.2	42.2	238	19	11.5	USL2BB3040300
4	12	0.472	0.375	200	29	2.8	1.4	1.2	34.2	318	28	16.5	USL2BB3040400
5	12	0.551	0.375	190	29	2.8	1.4	1.2	28.6	397	38	18	USL2BB3040500
6	12	0.551	0.375	190	29	2.8	1.4	1.2	24.4	477	50	21	USL2BB3040600
8	12	0.630	0.375	190	24	2.8	1.4	1.2	18.8	530	78	30.5	USL2BB3040800
10	12	0.630	0.375	190	20	3.2	1.6	1.6	17.8	662	120	33.6	USL2BB3041000
12	12	0.748	0.375	190	20	3.2	1.6	1.6	14.9	794	162	60.5	USL2BB3041200
14	12	0.866	0.375	140	20	3.2	1.6	1.6	12.9	695	210	71	USL2BB3041400
16	12	0.866	0.375	110	20	3.2	1.6	1.6	11.3	794	265	86.5	USL2BB3041600
18	14	0.866	0.375	110	20	3.2	1.6	1.6	10.1	893	326	94.5	USL2BB3041800
20	14	0.984	0.375	110	20	3.2	1.6	1.6	9.1	993	393	111	USL2BB3042000
24	16	0.984	0.375	100	20	4	2	2	9.5	1192	562	136	USL2BB3042400
30	16	0.984	0.375	90	18	4	2	2	7.6	1325	842	190	USL2BB3043000
34	16	0.984	0.375	90	18	4	2	2	6.7	1501	1060	206	USL2BB3043400
36	16	0.984	0.375	90	18	4	2	2	6.3	1589	1180	232	USL2BB3043600
42	16	0.984	0.375	80	18	4.8	2.4	2.2	6.5	1670	1628	311	USL2BB3044200
48	16	0.984	0.375	80	18	4.8	2.4	2.2	5.7	1987	2250	354	USL2BB3044800

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


BUTYL RUBBER



The Flexicraft Ultraspool expansion joints are the most versatile rubber expansion joints available. The double arch design has greater allowed movements than the single arch.

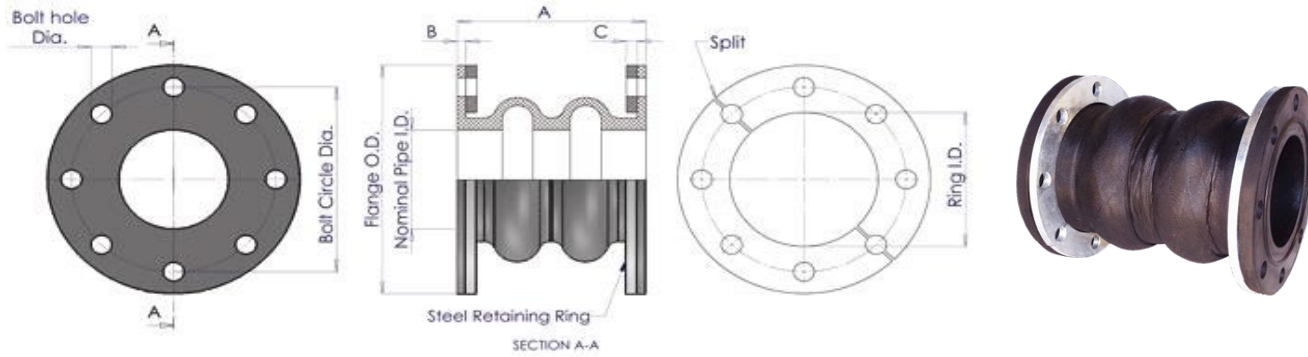
Rubber Material Butyl
Ret Ring Material 316SS
Temperature Rating 230°F

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	12	0.472	0.375	200	29	2.4	1.2	1.2	58	132	7.5	5.5	USL2BB3160150
2	12	0.472	0.375	200	29	2.8	1.4	1.2	53.8	159	12.4	8	USL2BB3160200
2.5	12	0.472	0.375	200	29	2.8	1.4	1.2	47.4	199	16	9	USL2BB3160250
3	12	0.472	0.375	200	29	2.8	1.4	1.2	42.2	238	19	11.5	USL2BB3160300
4	12	0.472	0.375	200	29	2.8	1.4	1.2	34.2	318	28	16.5	USL2BB3160400
5	12	0.551	0.375	190	29	2.8	1.4	1.2	28.6	397	38	18	USL2BB3160500
6	12	0.551	0.375	190	29	2.8	1.4	1.2	24.4	477	50	21	USL2BB3160600
8	12	0.630	0.375	190	24	2.8	1.4	1.2	18.8	530	78	30.5	USL2BB3160800
10	12	0.630	0.375	190	20	3.2	1.6	1.6	17.8	662	120	33.6	USL2BB3161000
12	12	0.748	0.375	190	20	3.2	1.6	1.6	14.9	794	162	60.5	USL2BB3161200
14	12	0.866	0.375	140	20	3.2	1.6	1.6	12.9	695	210	71	USL2BB3161400
16	12	0.866	0.375	110	20	3.2	1.6	1.6	11.3	794	265	86.5	USL2BB3161600
18	14	0.866	0.375	110	20	3.2	1.6	1.6	10.1	893	326	94.5	USL2BB3161800
20	14	0.984	0.375	110	20	3.2	1.6	1.6	9.1	993	393	111	USL2BB3162000
24	16	0.984	0.375	100	20	4	2	2	9.5	1192	562	136	USL2BB3162400
30	16	0.984	0.375	90	18	4	2	2	7.6	1325	842	190	USL2BB3163000
34	16	0.984	0.375	90	18	4	2	2	6.7	1501	1060	206	USL2BB3163400
36	16	0.984	0.375	90	18	4	2	2	6.3	1589	1180	232	USL2BB3163600
42	16	0.984	0.375	80	18	4.8	2.4	2.2	6.5	1670	1628	311	USL2BB3164200
48	16	0.984	0.375	80	18	4.8	2.4	2.2	5.7	1987	2250	354	USL2BB3164800

 "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 DOUBLE EXPANSION JOINT


NITRILE/NEOPRENE RUBBER



The Flexicraft Ultraspool expansion joints are the most versatile rubber expansion joints available. The double arch design has greater allowed movements than the single arch.

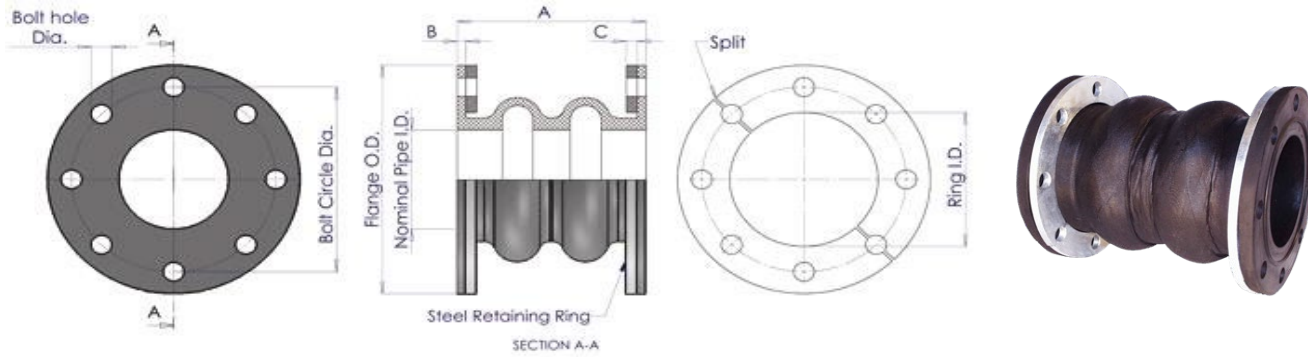
Rubber MaterialNitrile/Neoprene
Ret Ring Material Galv Carbon Steel
Temperature Rating230°F

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	12	0.472	0.375	200	29	2.4	1.2	1.2	58	132	7.5	5.5	USL2PN0150
2	12	0.472	0.375	200	29	2.8	1.4	1.2	53.8	159	12.4	8	USL2PN0200
2.5	12	0.472	0.375	200	29	2.8	1.4	1.2	47.4	199	16	9	USL2PN0250
3	12	0.472	0.375	200	29	2.8	1.4	1.2	42.2	238	19	11.5	USL2PN0300
4	12	0.472	0.375	200	29	2.8	1.4	1.2	34.2	318	28	16.5	USL2PN0400
5	12	0.551	0.375	190	29	2.8	1.4	1.2	28.6	397	38	18	USL2PN0500
6	12	0.551	0.375	190	29	2.8	1.4	1.2	24.4	477	50	21	USL2PN0600
8	12	0.630	0.375	190	24	2.8	1.4	1.2	18.8	530	78	30.5	USL2PN0800
10	12	0.630	0.375	190	20	3.2	1.6	1.6	17.8	662	120	33.6	USL2PN1000
12	12	0.748	0.375	190	20	3.2	1.6	1.6	14.9	794	162	60.5	USL2PN1200
14	12	0.866	0.375	140	20	3.2	1.6	1.6	12.9	695	210	71	USL2PN1400
16	12	0.866	0.375	110	20	3.2	1.6	1.6	11.3	794	265	86.5	USL2PN1600
18	14	0.866	0.375	110	20	3.2	1.6	1.6	10.1	893	326	94.5	USL2PN1800
20	14	0.984	0.375	110	20	3.2	1.6	1.6	9.1	993	393	111	USL2PN2000
24	16	0.984	0.375	100	20	4	2	2	9.5	1192	562	136	USL2PN2400
30	16	0.984	0.375	90	18	4	2	2	7.6	1325	842	190	USL2PN3000
34	16	0.984	0.375	90	18	4	2	2	6.7	1501	1060	206	USL2PN3400
36	16	0.984	0.375	90	18	4	2	2	6.3	1589	1180	232	USL2PN3600
42	16	0.984	0.375	80	18	4.8	2.4	2.2	6.5	1670	1628	311	USL2PN4200
48	16	0.984	0.375	80	18	4.8	2.4	2.2	5.7	1987	2250	354	USL2PN4800

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


NITRILE/NEOPRENE RUBBER



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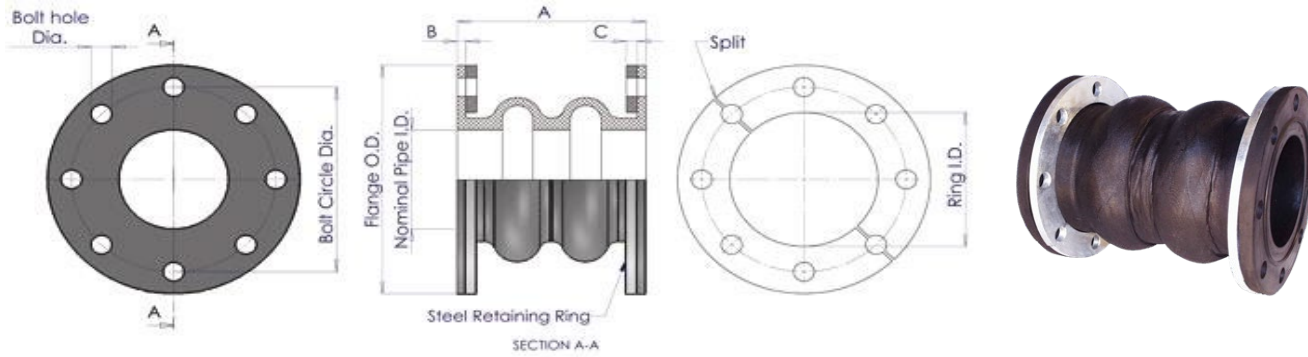
Rubber MaterialNitrile/Neoprene
Ret Ring Material 304SS
Temperature Rating230°F

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	12	0.472	0.375	200	29	2.4	1.2	1.2	58	132	7.5	5.5	USL2PN3040150
2	12	0.472	0.375	200	29	2.8	1.4	1.2	53.8	159	12.4	8	USL2PN3040200
2.5	12	0.472	0.375	200	29	2.8	1.4	1.2	47.4	199	16	9	USL2PN3040250
3	12	0.472	0.375	200	29	2.8	1.4	1.2	42.2	238	19	11.5	USL2PN3040300
4	12	0.472	0.375	200	29	2.8	1.4	1.2	34.2	318	28	16.5	USL2PN3040400
5	12	0.551	0.375	190	29	2.8	1.4	1.2	28.6	397	38	18	USL2PN3040500
6	12	0.551	0.375	190	29	2.8	1.4	1.2	24.4	477	50	21	USL2PN3040600
8	12	0.630	0.375	190	24	2.8	1.4	1.2	18.8	530	78	30.5	USL2PN3040800
10	12	0.630	0.375	190	20	3.2	1.6	1.6	17.8	662	120	33.6	USL2PN3041000
12	12	0.748	0.375	190	20	3.2	1.6	1.6	14.9	794	162	60.5	USL2PN3041200
14	12	0.866	0.375	140	20	3.2	1.6	1.6	12.9	695	210	71	USL2PN3041400
16	12	0.866	0.375	110	20	3.2	1.6	1.6	11.3	794	265	86.5	USL2PN3041600
18	14	0.866	0.375	110	20	3.2	1.6	1.6	10.1	893	326	94.5	USL2PN3041800
20	14	0.984	0.375	110	20	3.2	1.6	1.6	9.1	993	393	111	USL2PN3042000
24	16	0.984	0.375	100	20	4	2	2	9.5	1192	562	136	USL2PN3042400
30	16	0.984	0.375	90	18	4	2	2	7.6	1325	842	190	USL2PN3043000
34	16	0.984	0.375	90	18	4	2	2	6.7	1501	1060	206	USL2PN3043400
36	16	0.984	0.375	90	18	4	2	2	6.3	1589	1180	232	USL2PN3043600
42	16	0.984	0.375	80	18	4.8	2.4	2.2	6.5	1670	1628	311	USL2PN3044200
48	16	0.984	0.375	80	18	4.8	2.4	2.2	5.7	1987	2250	354	USL2PN3044800

 "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 DOUBLE EXPANSION JOINT


NITRILE/NEOPRENE RUBBER



The Flexicraft Ultraspool expansion joints are the most versatile rubber expansion joints available. The double arch design has greater allowed movements than the single arch.

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	12	0.472	0.375	200	29	2.4	1.2	1.2	58	132	7.5	5.5	USL2PN3160150
2	12	0.472	0.375	200	29	2.8	1.4	1.2	53.8	159	12.4	8	USL2PN3160200
2.5	12	0.472	0.375	200	29	2.8	1.4	1.2	47.4	199	16	9	USL2PN3160250
3	12	0.472	0.375	200	29	2.8	1.4	1.2	42.2	238	19	11.5	USL2PN3160300
4	12	0.472	0.375	200	29	2.8	1.4	1.2	34.2	318	28	16.5	USL2PN3160400
5	12	0.551	0.375	190	29	2.8	1.4	1.2	28.6	397	38	18	USL2PN3160500
6	12	0.551	0.375	190	29	2.8	1.4	1.2	24.4	477	50	21	USL2PN3160600
8	12	0.630	0.375	190	24	2.8	1.4	1.2	18.8	530	78	30.5	USL2PN3160800
10	12	0.630	0.375	190	20	3.2	1.6	1.6	17.8	662	120	33.6	USL2PN3161000
12	12	0.748	0.375	190	20	3.2	1.6	1.6	14.9	794	162	60.5	USL2PN3161200
14	12	0.866	0.375	140	20	3.2	1.6	1.6	12.9	695	210	71	USL2PN3161400
16	12	0.866	0.375	110	20	3.2	1.6	1.6	11.3	794	265	86.5	USL2PN3161600
18	14	0.866	0.375	110	20	3.2	1.6	1.6	10.1	893	326	94.5	USL2PN3161800
20	14	0.984	0.375	110	20	3.2	1.6	1.6	9.1	993	393	111	USL2PN3162000
24	16	0.984	0.375	100	20	4	2	2	9.5	1192	562	136	USL2PN3162400
30	16	0.984	0.375	90	18	4	2	2	7.6	1325	842	190	USL2PN3163000
34	16	0.984	0.375	90	18	4	2	2	6.7	1501	1060	206	USL2PN3163400
36	16	0.984	0.375	90	18	4	2	2	6.3	1589	1180	232	USL2PN3163600
42	16	0.984	0.375	80	18	4.8	2.4	2.2	6.5	1670	1628	311	USL2PN3164200
48	16	0.984	0.375	80	18	4.8	2.4	2.2	5.7	1987	2250	354	USL2PN3164800

 "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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