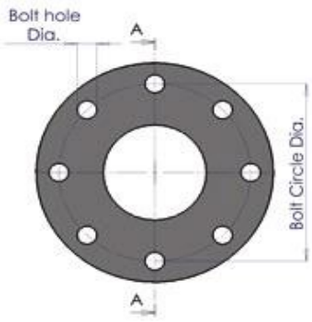
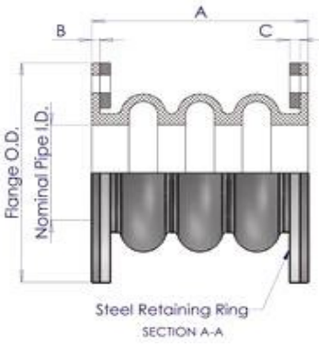
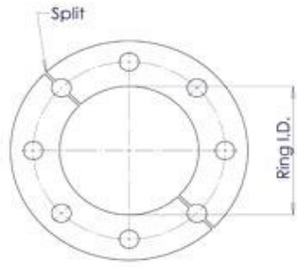
ULTRASPOOL TRIPLE EXPANSION JOINT

EPDM RUBBER







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

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	in²	lbs	
1.5	14	0.472	0.375	200	28	3.5	1.8	1.9	67.4	88	7.5	6.5	USL3EE0150
2	14	0.472	0.375	200	28	4.1	2	1.9	63.9	106	12.4	8	USL3EE0200
2.5	14	0.472	0.375	200	28	4.1	2	1.9	58.5	132	16	10.5	USL3EE0250
3	14	0.472	0.375	200	28	4.1	2	1.9	53.4	159	19	12.5	USL3EE0300
4	14	0.472	0.375	200	28	4.1	2	1.9	45.6	212	28	17	USL3EE0400
5	14	0.551	0.375	190	20	4.1	2	1.9	39.2	264	38	19.5	USL3EE0500
6	14	0.551	0.375	190	20	4.1	2	1.9	34.2	317	50	23	USL3EE0600
8	14	0.630	0.375	190	20	4.1	2	1.9	27	353	78	32.5	USL3EE0800
10	18	0.630	0.375	190	20	4.7	2.4	2.4	25.6	442	120	48	USL3EE1000
12	18	0.748	0.375	190	20	4.7	2.4	2.4	25.6	529	162	55.5	USL3EE1200
14	18	0.866	0.375	130	18	4.7	2.4	2.4	10.1	463	210	67	USL3EE1400
16	18	0.866	0.375	110	18	4.7	2.4	2.4	16.7	529	265	88.5	USL3EE1600
18	18	0.866	0.375	110	18	4.7	2.4	2.4	14.9	596	326	100	USL3EE1800
20	20	0.984	0.375	115	18	4.7	2.4	2.4	13.5	662	393	116	USL3EE2000
24	20	0.984	0.375	100	18	6	3	2.7	14	794	562	139.5	USL3EE2400
30	20	0.984	0.375	90	18	6	3	2.7	11.3	883	842	194	USL3EE3000
36	20	0.984	0.375	90	18	6	3	2.7	9.5	1059	1180	233	USL3EE3600

FLEXICRAFT

"Flexible Piping Solutions"

PRINT CERTIFICATION:

Certified Correct As Of: _____

By: _____

Proposal/Inquiry/Order No.:

Customer Name:

Project Name:

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.

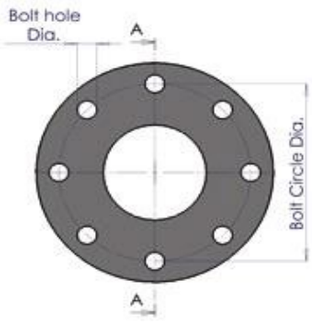
NOTES:

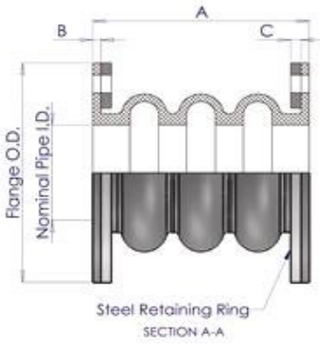
HAVE CONTROL UNITS BEEN ORDERED FOR THIS INSTALLATION: _____

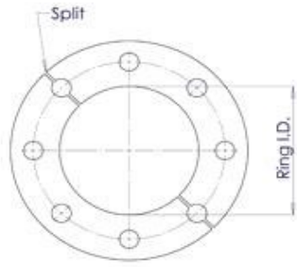
FLEXICRAFT INDUSTRIES 2315 W. HUBBARD ST. CHICAGO, IL 60612 PH: 800.533.1024 FX 312.421.6327

ULTRASPOOL TRIPLE EXPANSION JOINT

EPDM RUBBER







The Flexicraft Ultraspool expansion joints are the most versatile rubber expansion joints available. The triple arch design has greater allowed movements than the single or double 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	in²	lbs	
1.5	14	0.472	0.375	200	28	3.5	1.8	1.9	67.4	88	7.5	6.5	USL3EE3040150
2	14	0.472	0.375	200	28	4.1	2	1.9	63.9	106	12.4	8	USL3EE3040200
2.5	14	0.472	0.375	200	28	4.1	2	1.9	58.5	132	16	10.5	USL3EE3040250
3	14	0.472	0.375	200	28	4.1	2	1.9	53.4	159	19	12.5	USL3EE3040300
4	14	0.472	0.375	200	28	4.1	2	1.9	45.6	212	28	17	USL3EE3040400
5	14	0.551	0.375	190	20	4.1	2	1.9	39.2	264	38	19.5	USL3EE3040500
6	14	0.551	0.375	190	20	4.1	2	1.9	34.2	317	50	23	USL3EE3040600
8	14	0.630	0.375	190	20	4.1	2	1.9	27	353	78	32.5	USL3EE3040800
10	18	0.630	0.375	190	20	4.7	2.4	2.4	25.6	442	120	48	USL3EE3041000
12	18	0.748	0.375	190	20	4.7	2.4	2.4	25.6	529	162	55.5	USL3EE3041200
14	18	0.866	0.375	130	18	4.7	2.4	2.4	10.1	463	210	67	USL3EE3041400
16	18	0.866	0.375	110	18	4.7	2.4	2.4	16.7	529	265	88.5	USL3EE3041600
18	18	0.866	0.375	110	18	4.7	2.4	2.4	14.9	596	326	100	USL3EE3041800
20	20	0.984	0.375	115	18	4.7	2.4	2.4	13.5	662	393	116	USL3EE3042000
24	20	0.984	0.375	100	18	6	3	2.7	14	794	562	139.5	USL3EE3042400
30	20	0.984	0.375	90	18	6	3	2.7	11.3	883	842	194	USL3EE3043000
36	20	0.984	0.375	90	18	6	3	2.7	9.5	1059	1180	233	USL3EE3043600

FLEXICRAFT

"Flexible Piping Solutions"

PRINT CERTIFICATION:

Certified Correct As Of: _____

By: _____

Proposal/Inquiry/Order No.:

Customer Name:

Project Name:

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.

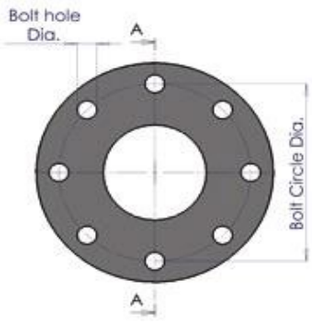
NOTES:

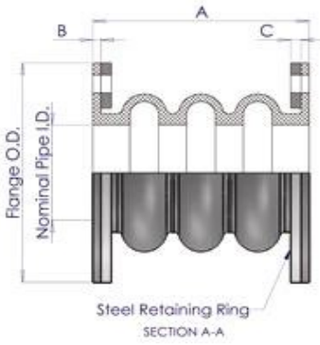
HAVE CONTROL UNITS BEEN ORDERED FOR THIS INSTALLATION: _____

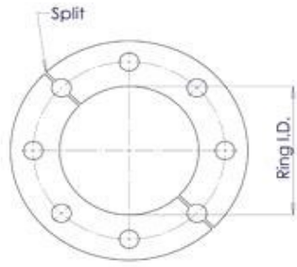
FLEXICRAFT INDUSTRIES 2315 W. HUBBARD ST. CHICAGO, IL 60612 PH: 800.533.1024 FX 312.421.6327

ULTRASPOOL TRIPLE EXPANSION JOINT

EPDM RUBBER







The Flexicraft Ultraspool expansion joints are the most versatile rubber expansion joints available. The triple arch design has greater allowed movements than the single or double 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	in²	lbs	
1.5	14	0.472	0.375	200	28	3.5	1.8	1.9	67.4	88	7.5	6.5	USL3EE3160150
2	14	0.472	0.375	200	28	4.1	2	1.9	63.9	106	12.4	8	USL3EE3160200
2.5	14	0.472	0.375	200	28	4.1	2	1.9	58.5	132	16	10.5	USL3EE3160250
3	14	0.472	0.375	200	28	4.1	2	1.9	53.4	159	19	12.5	USL3EE3160300
4	14	0.472	0.375	200	28	4.1	2	1.9	45.6	212	28	17	USL3EE3160400
5	14	0.551	0.375	190	20	4.1	2	1.9	39.2	264	38	19.5	USL3EE3160500
6	14	0.551	0.375	190	20	4.1	2	1.9	34.2	317	50	23	USL3EE3160600
8	14	0.630	0.375	190	20	4.1	2	1.9	27	353	78	32.5	USL3EE3160800
10	18	0.630	0.375	190	20	4.7	2.4	2.4	25.6	442	120	48	USL3EE3161000
12	18	0.748	0.375	190	20	4.7	2.4	2.4	25.6	529	162	55.5	USL3EE3161200
14	18	0.866	0.375	130	18	4.7	2.4	2.4	10.1	463	210	67	USL3EE3161400
16	18	0.866	0.375	110	18	4.7	2.4	2.4	16.7	529	265	88.5	USL3EE3161600
18	18	0.866	0.375	110	18	4.7	2.4	2.4	14.9	596	326	100	USL3EE3161800
20	20	0.984	0.375	115	18	4.7	2.4	2.4	13.5	662	393	116	USL3EE3162000
24	20	0.984	0.375	100	18	6	3	2.7	14	794	562	139.5	USL3EE3162400
30	20	0.984	0.375	90	18	6	3	2.7	11.3	883	842	194	USL3EE3163000
36	20	0.984	0.375	90	18	6	3	2.7	9.5	1059	1180	233	USL3EE3163600

FLEXICRAFT

"Flexible Piping Solutions"

PRINT CERTIFICATION:

Certified Correct As Of: _____

By: _____

Proposal/Inquiry/Order No.:

Customer Name:

Project Name:

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.

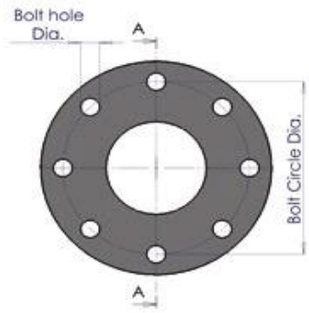
NOTES:

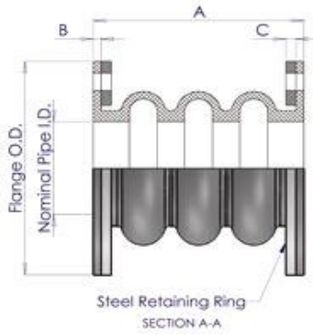
HAVE CONTROL UNITS BEEN ORDERED FOR THIS INSTALLATION: _____

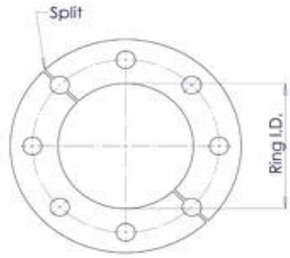
FLEXICRAFT INDUSTRIES 2315 W. HUBBARD ST. CHICAGO, IL 60612 PH: 800.533.1024 FX 312.421.6327

ULTRASPOOL TRIPLE EXPANSION JOINT

NEOPRENE RUBBER







The Flexicraft Ultraspool expansion joints are the most versatile rubber expansion joints available. The triple arch design has greater allowed movements than the single or double 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	in²	lbs	
1.5	14	0.472	0.375	200	28	3.5	1.8	1.9	67.4	88	7.5	6.5	USL3NN0150
2	14	0.472	0.375	200	28	4.1	2	1.9	63.9	106	12.4	8	USL3NN0200
2.5	14	0.472	0.375	200	28	4.1	2	1.9	58.5	132	16	10.5	USL3NN0250
3	14	0.472	0.375	200	28	4.1	2	1.9	53.4	159	19	12.5	USL3NN0300
4	14	0.472	0.375	200	28	4.1	2	1.9	45.6	212	28	17	USL3NN0400
5	14	0.551	0.375	190	20	4.1	2	1.9	39.2	264	38	19.5	USL3NN0500
6	14	0.551	0.375	190	20	4.1	2	1.9	34.2	317	50	23	USL3NN0600
8	14	0.630	0.375	190	20	4.1	2	1.9	27	353	78	32.5	USL3NN0800
10	18	0.630	0.375	190	20	4.7	2.4	2.4	25.6	442	120	48	USL3NN1000
12	18	0.748	0.375	190	20	4.7	2.4	2.4	25.6	529	162	55.5	USL3NN1200
14	18	0.866	0.375	130	18	4.7	2.4	2.4	10.1	463	210	67	USL3NN1400
16	18	0.866	0.375	110	18	4.7	2.4	2.4	16.7	529	265	88.5	USL3NN1600
18	18	0.866	0.375	110	18	4.7	2.4	2.4	14.9	596	326	100	USL3NN1800
20	20	0.984	0.375	115	18	4.7	2.4	2.4	13.5	662	393	116	USL3NN2000
24	20	0.984	0.375	100	18	6	3	2.7	14	794	562	139.5	USL3NN2400
30	20	0.984	0.375	90	18	6	3	2.7	11.3	883	842	194	USL3NN3000
36	20	0.984	0.375	90	18	6	3	2.7	9.5	1059	1180	233	USL3NN3600

FLEXICRAFT

"Flexible Piping Solutions"

PRINT CERTIFICATION:

Certified Correct As Of:

By: _____

Proposal/Inquiry/Order No.:

Customer Name:

Project Name:

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.

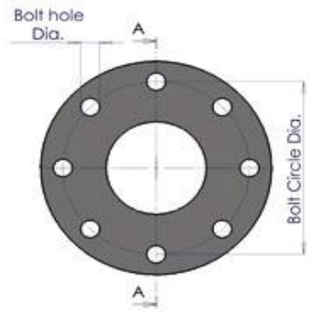
NOTES:

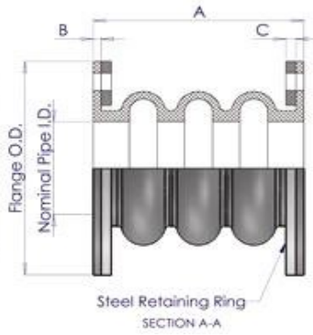
HAVE CONTROL UNITS BEEN ORDERED FOR THIS INSTALLATION: _____

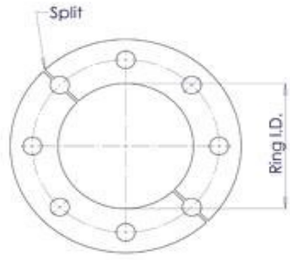
FLEXICRAFT INDUSTRIES 2315 W. HUBBARD ST. CHICAGO, IL 60612 PH: 800.533.1024 FX 312.421.6327

ULTRASPOOL TRIPLE EXPANSION JOINT

NEOPRENE RUBBER







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

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	in²	lbs	
1.5	14	0.472	0.375	200	28	3.5	1.8	1.9	67.4	88	7.5	6.5	USL3NN3040150
2	14	0.472	0.375	200	28	4.1	2	1.9	63.9	106	12.4	8	USL3NN3040200
2.5	14	0.472	0.375	200	28	4.1	2	1.9	58.5	132	16	10.5	USL3NN3040250
3	14	0.472	0.375	200	28	4.1	2	1.9	53.4	159	19	12.5	USL3NN3040300
4	14	0.472	0.375	200	28	4.1	2	1.9	45.6	212	28	17	USL3NN3040400
5	14	0.551	0.375	190	20	4.1	2	1.9	39.2	264	38	19.5	USL3NN3040500
6	14	0.551	0.375	190	20	4.1	2	1.9	34.2	317	50	23	USL3NN3040600
8	14	0.630	0.375	190	20	4.1	2	1.9	27	353	78	32.5	USL3NN3040800
10	18	0.630	0.375	190	20	4.7	2.4	2.4	25.6	442	120	48	USL3NN3041000
12	18	0.748	0.375	190	20	4.7	2.4	2.4	25.6	529	162	55.5	USL3NN3041200
14	18	0.866	0.375	130	18	4.7	2.4	2.4	10.1	463	210	67	USL3NN3041400
16	18	0.866	0.375	110	18	4.7	2.4	2.4	16.7	529	265	88.5	USL3NN3041600
18	18	0.866	0.375	110	18	4.7	2.4	2.4	14.9	596	326	100	USL3NN3041800
20	20	0.984	0.375	115	18	4.7	2.4	2.4	13.5	662	393	116	USL3NN3042000
24	20	0.984	0.375	100	18	6	3	2.7	14	794	562	139.5	USL3NN3042400
30	20	0.984	0.375	90	18	6	3	2.7	11.3	883	842	194	USL3NN3043000
36	20	0.984	0.375	90	18	6	3	2.7	9.5	1059	1180	233	USL3NN3043600

FLEXICRAFT

"Flexible Piping Solutions"

PRINT CERTIFICATION:

Certified Correct As Of:

By: _____

Proposal/Inquiry/Order No.:

Customer Name:

Project Name:

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.

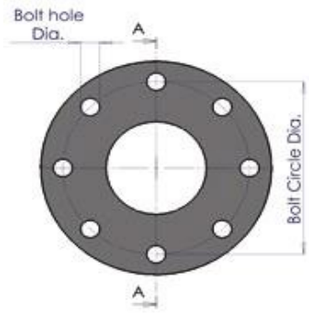
NOTES:

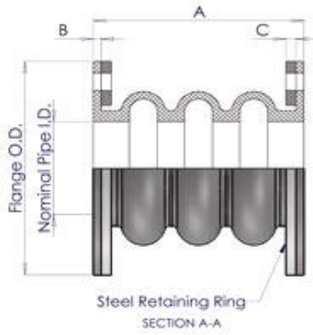
HAVE CONTROL UNITS BEEN ORDERED FOR THIS INSTALLATION: _____

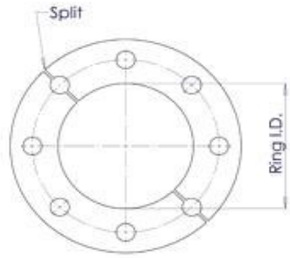
FLEXICRAFT INDUSTRIES 2315 W. HUBBARD ST. CHICAGO, IL 60612 PH: 800.533.1024 FX 312.421.6327

ULTRASPOOL TRIPLE EXPANSION JOINT

NEOPRENE RUBBER







The Flexicraft Ultraspool expansion joints are the most versatile rubber expansion joints available. The triple arch design has greater allowed movements than the single or double 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	in²	lbs	
1.5	14	0.472	0.375	200	28	3.5	1.8	1.9	67.4	88	7.5	6.5	USL3NN3160150
2	14	0.472	0.375	200	28	4.1	2	1.9	63.9	106	12.4	8	USL3NN3160200
2.5	14	0.472	0.375	200	28	4.1	2	1.9	58.5	132	16	10.5	USL3NN3160250
3	14	0.472	0.375	200	28	4.1	2	1.9	53.4	159	19	12.5	USL3NN3160300
4	14	0.472	0.375	200	28	4.1	2	1.9	45.6	212	28	17	USL3NN3160400
5	14	0.551	0.375	190	20	4.1	2	1.9	39.2	264	38	19.5	USL3NN3160500
6	14	0.551	0.375	190	20	4.1	2	1.9	34.2	317	50	23	USL3NN3160600
8	14	0.630	0.375	190	20	4.1	2	1.9	27	353	78	32.5	USL3NN3160800
10	18	0.630	0.375	190	20	4.7	2.4	2.4	25.6	442	120	48	USL3NN3161000
12	18	0.748	0.375	190	20	4.7	2.4	2.4	25.6	529	162	55.5	USL3NN3161200
14	18	0.866	0.375	130	18	4.7	2.4	2.4	10.1	463	210	67	USL3NN3161400
16	18	0.866	0.375	110	18	4.7	2.4	2.4	16.7	529	265	88.5	USL3NN3161600
18	18	0.866	0.375	110	18	4.7	2.4	2.4	14.9	596	326	100	USL3NN3161800
20	20	0.984	0.375	115	18	4.7	2.4	2.4	13.5	662	393	116	USL3NN3162000
24	20	0.984	0.375	100	18	6	3	2.7	14	794	562	139.5	USL3NN3162400
30	20	0.984	0.375	90	18	6	3	2.7	11.3	883	842	194	USL3NN3163000
36	20	0.984	0.375	90	18	6	3	2.7	9.5	1059	1180	233	USL3NN3163600

FLEXICRAFT

"Flexible Piping Solutions"

PRINT CERTIFICATION:

Certified Correct As Of:

By: _____

Proposal/Inquiry/Order No.:

Customer Name:

Project Name:

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.

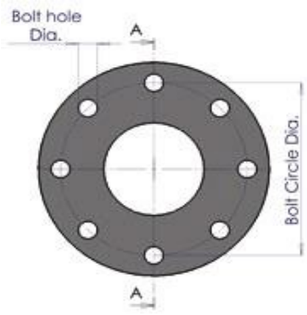
NOTES:

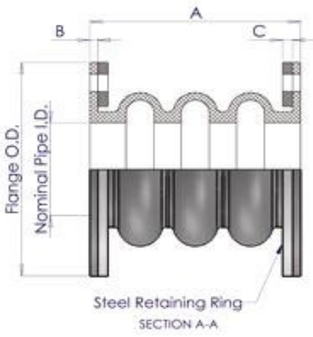
HAVE CONTROL UNITS BEEN ORDERED FOR THIS INSTALLATION: _____

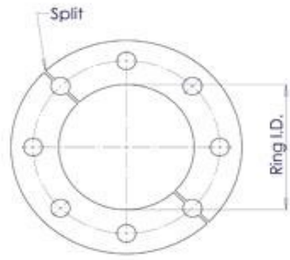
FLEXICRAFT INDUSTRIES 2315 W. HUBBARD ST. CHICAGO, IL 60612 PH: 800.533.1024 FX 312.421.6327

ULTRASPOOL TRIPLE EXPANSION JOINT

BUTYL RUBBER







The Flexicraft Ultraspool expansion joints are the most versatile rubber expansion joints available. The triple arch design has greater allowed movements than the single or double 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	in²	lbs	
1.5	14	0.472	0.375	200	28	3.5	1.8	1.9	67.4	88	7.5	6.5	USL3BB0150
2	14	0.472	0.375	200	28	4.1	2	1.9	63.9	106	12.4	8	USL3BB0200
2.5	14	0.472	0.375	200	28	4.1	2	1.9	58.5	132	16	10.5	USL3BB0250
3	14	0.472	0.375	200	28	4.1	2	1.9	53.4	159	19	12.5	USL3BB0300
4	14	0.472	0.375	200	28	4.1	2	1.9	45.6	212	28	17	USL3BB0400
5	14	0.551	0.375	190	20	4.1	2	1.9	39.2	264	38	19.5	USL3BB0500
6	14	0.551	0.375	190	20	4.1	2	1.9	34.2	317	50	23	USL3BB0600
8	14	0.630	0.375	190	20	4.1	2	1.9	27	353	78	32.5	USL3BB0800
10	18	0.630	0.375	190	20	4.7	2.4	1.5	25.6	442	120	48	USL3BB1000
12	18	0.748	0.375	190	20	4.7	2.4	2.4	25.6	529	162	55.5	USL3BB1200
14	18	0.866	0.375	130	18	4.7	2.4	2.4	10.1	463	210	67	USL3BB1400
16	18	0.866	0.375	110	18	4.7	2.4	2.4	16.7	529	265	88.5	USL3BB1600
18	18	0.866	0.375	110	18	4.7	2.4	2.4	14.9	596	326	100	USL3BB1800
20	20	0.984	0.375	115	18	4.7	2.4	2.4	13.5	662	393	116	USL3BB2000
24	20	0.984	0.375	100	18	6	3	2.7	14	794	562	139.5	USL3BB2400
30	20	0.984	0.375	90	18	6	3	2.7	11.3	883	842	194	USL3BB3000
36	20	0.984	0.375	90	18	6	3	2.7	9.5	1059	1180	233	USL3BB3600

FLEXICRAFT

"Flexible Piping Solutions"

PRINT CERTIFICATION:

Certified Correct As Of: _____

By: _____

Proposal/Inquiry/Order No.:

Customer Name:

Project Name:

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.

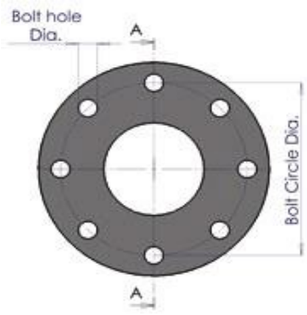
NOTES:

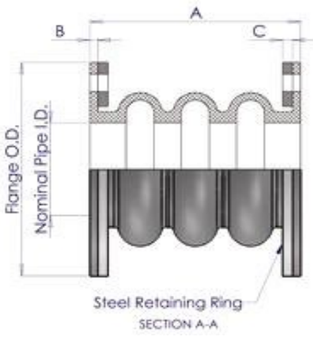
HAVE CONTROL UNITS BEEN ORDERED FOR THIS INSTALLATION: _____

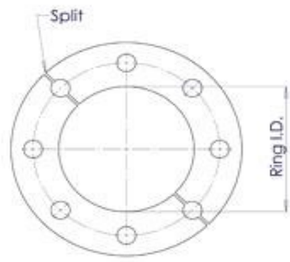
FLEXICRAFT INDUSTRIES 2315 W. HUBBARD ST. CHICAGO, IL 60612 PH: 800.533.1024 FX 312.421.6327

ULTRASPOOL TRIPLE EXPANSION JOINT

BUTYL RUBBER







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

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	in²	lbs	
1.5	14	0.472	0.375	200	28	3.5	1.8	1.9	67.4	88	7.5	6.5	USL3BB3040150
2	14	0.472	0.375	200	28	4.1	2	1.9	63.9	106	12.4	8	USL3BB3040200
2.5	14	0.472	0.375	200	28	4.1	2	1.9	58.5	132	16	10.5	USL3BB3040250
3	14	0.472	0.375	200	28	4.1	2	1.9	53.4	159	19	12.5	USL3BB3040300
4	14	0.472	0.375	200	28	4.1	2	1.9	45.6	212	28	17	USL3BB3040400
5	14	0.551	0.375	190	20	4.1	2	1.9	39.2	264	38	19.5	USL3BB3040500
6	14	0.551	0.375	190	20	4.1	2	1.9	34.2	317	50	23	USL3BB3040600
8	14	0.630	0.375	190	20	4.1	2	1.9	27	353	78	32.5	USL3BB3040800
10	18	0.630	0.375	190	20	4.7	2.4	1.5	25.6	442	120	48	USL3BB3041000
12	18	0.748	0.375	190	20	4.7	2.4	2.4	25.6	529	162	55.5	USL3BB3041200
14	18	0.866	0.375	130	18	4.7	2.4	2.4	10.1	463	210	67	USL3BB3041400
16	18	0.866	0.375	110	18	4.7	2.4	2.4	16.7	529	265	88.5	USL3BB3041600
18	18	0.866	0.375	110	18	4.7	2.4	2.4	14.9	596	326	100	USL3BB3041800
20	20	0.984	0.375	115	18	4.7	2.4	2.4	13.5	662	393	116	USL3BB3042000
24	20	0.984	0.375	100	18	6	3	2.7	14	794	562	139.5	USL3BB3042400
30	20	0.984	0.375	90	18	6	3	2.7	11.3	883	842	194	USL3BB3043000
36	20	0.984	0.375	90	18	6	3	2.7	9.5	1059	1180	233	USL3BB3043600

FLEXICRAFT

"Flexible Piping Solutions"

PRINT CERTIFICATION:

Certified Correct As Of: _____

By: _____

Proposal/Inquiry/Order No.:

Customer Name:

Project Name:

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.

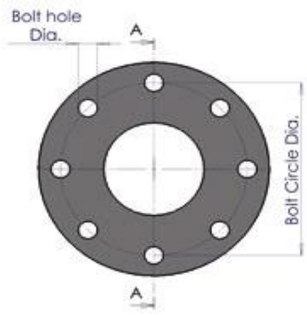
NOTES:

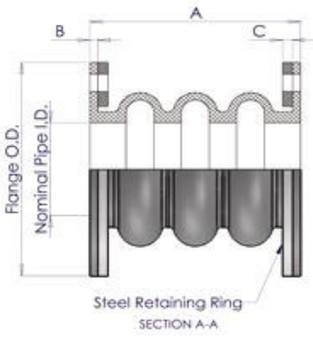
HAVE CONTROL UNITS BEEN ORDERED FOR THIS INSTALLATION: _____

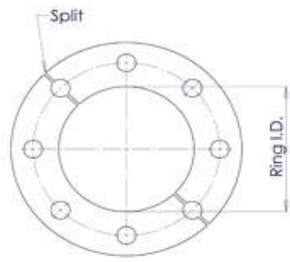
FLEXICRAFT INDUSTRIES 2315 W. HUBBARD ST. CHICAGO, IL 60612 PH: 800.533.1024 FX 312.421.6327

ULTRASPOOL TRIPLE EXPANSION JOINT

BUTYL RUBBER







The Flexicraft Ultraspool expansion joints are the most versatile rubber expansion joints available. The triple arch design has greater allowed movements than the single or double 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	in²	lbs	
1.5	14	0.472	0.375	200	28	3.5	1.8	1.9	67.4	88	7.5	6.5	USL3BB3160150
2	14	0.472	0.375	200	28	4.1	2	1.9	63.9	106	12.4	8	USL3BB3160200
2.5	14	0.472	0.375	200	28	4.1	2	1.9	58.5	132	16	10.5	USL3BB3160250
3	14	0.472	0.375	200	28	4.1	2	1.9	53.4	159	19	12.5	USL3BB3160300
4	14	0.472	0.375	200	28	4.1	2	1.9	45.6	212	28	17	USL3BB3160400
5	14	0.551	0.375	190	20	4.1	2	1.9	39.2	264	38	19.5	USL3BB3160500
6	14	0.551	0.375	190	20	4.1	2	1.9	34.2	317	50	23	USL3BB3160600
8	14	0.630	0.375	190	20	4.1	2	1.9	27	353	78	32.5	USL3BB3160800
10	18	0.630	0.375	190	20	4.7	2.4	1.5	25.6	442	120	48	USL3BB3161000
12	18	0.748	0.375	190	20	4.7	2.4	2.4	25.6	529	162	55.5	USL3BB3161200
14	18	0.866	0.375	130	18	4.7	2.4	2.4	10.1	463	210	67	USL3BB3161400
16	18	0.866	0.375	110	18	4.7	2.4	2.4	16.7	529	265	88.5	USL3BB3161600
18	18	0.866	0.375	110	18	4.7	2.4	2.4	14.9	596	326	100	USL3BB3161800
20	20	0.984	0.375	115	18	4.7	2.4	2.4	13.5	662	393	116	USL3BB3162000
24	20	0.984	0.375	100	18	6	3	2.7	14	794	562	139.5	USL3BB3162400
30	20	0.984	0.375	90	18	6	3	2.7	11.3	883	842	194	USL3BB3163000
36	20	0.984	0.375	90	18	6	3	2.7	9.5	1059	1180	233	USL3BB3163600

FLEXICRAFT

"Flexible Piping Solutions"

PRINT CERTIFICATION:

Certified Correct As Of: _____

By: _____

Proposal/Inquiry/Order No.:

Customer Name:

Project Name:

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.

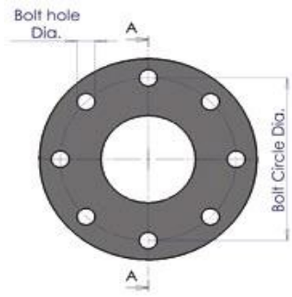
NOTES:

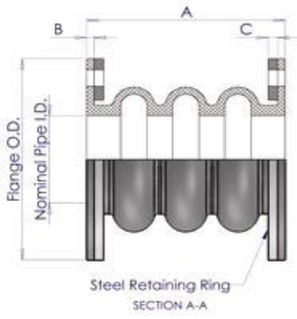
HAVE CONTROL UNITS BEEN ORDERED FOR THIS INSTALLATION: _____

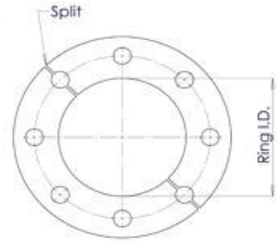
FLEXICRAFT INDUSTRIES 2315 W. HUBBARD ST. CHICAGO, IL 60612 PH: 800.533.1024 FX 312.421.6327

ULTRASPOOL TRIPLE EXPANSION JOINT

NITRILE/NEOPRENE RUBBER







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

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	in²	lbs	
1.5	14	0.472	0.375	200	28	3.5	1.8	1.9	67.4	88	7.5	6.5	USL3PN0150
2	14	0.472	0.375	200	28	4.1	2	1.9	63.9	106	12.4	8	USL3PN0200
2.5	14	0.472	0.375	200	28	4.1	2	1.9	58.5	132	16	10.5	USL3PN0250
3	14	0.472	0.375	200	28	4.1	2	1.9	53.4	159	19	12.5	USL3PN0300
4	14	0.472	0.375	200	28	4.1	2	1.9	45.6	212	28	17	USL3PN0400
5	14	0.551	0.375	190	20	4.1	2	1.9	39.2	264	38	19.5	USL3PN0500
6	14	0.551	0.375	190	20	4.1	2	1.9	34.2	317	50	23	USL3PN0600
8	14	0.630	0.375	190	20	4.1	2	1.9	27	353	78	32.5	USL3PN0800
10	18	0.630	0.375	190	20	4.7	2.4	2.4	25.6	442	120	48	USL3PN1000
12	18	0.748	0.375	190	20	4.7	2.4	2.4	25.6	529	162	55.5	USL3PN1200
14	18	0.866	0.375	130	18	4.7	2.4	2.4	10.1	463	210	67	USL3PN1400
16	18	0.866	0.375	110	18	4.7	2.4	2.4	16.7	529	265	88.5	USL3PN1600
18	18	0.866	0.375	110	18	4.7	2.4	2.4	14.9	596	326	100	USL3PN1800
20	20	0.984	0.375	115	18	4.7	2.4	2.4	13.5	662	393	116	USL3PN2000
24	20	0.984	0.375	100	18	6	3	2.7	14	794	562	139.5	USL3PN2400
30	20	0.984	0.375	90	18	6	3	2.7	11.3	883	842	194	USL3PN3000
36	20	0.984	0.375	90	18	6	3	2.7	9.5	1059	1180	233	USL3PN3600

FLEXICRAFT

"Flexible Piping Solutions"

PRINT CERTIFICATION:

Certified Correct As Of:

By: _____

Proposal/Inquiry/Order No.:

Customer Name:

Project Name:

Contractor:

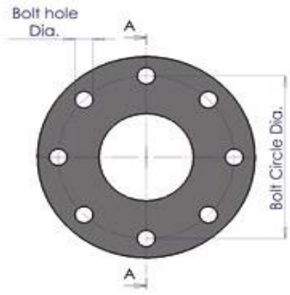
The above expansion joints and related hardware, meet or exceed the physical, mechanical or material specifications of the Rubber Expansion Joint Div., Fluid Sealing Association . For additional information, see the Association, "Technical Handbook, Fifth Edition", Chapter II, Paragraph A.1. and Tables II,III, IV.

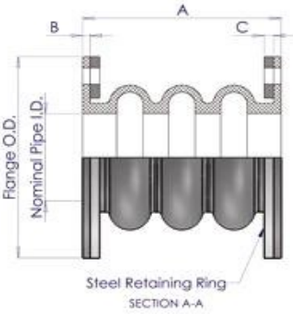
NOTES:

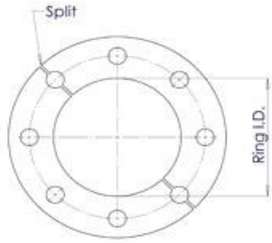
HAVE CONTROL UNITS BEEN ORDERED FOR THIS INSTALLATION: _____

ULTRASPOOL TRIPLE EXPANSION JOINT

NITRILE/NEOPRENE RUBBER







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

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	in²	lbs	
1.5	14	0.472	0.375	200	28	3.5	1.8	1.9	67.4	88	7.5	6.5	USL3PN3040150
2	14	0.472	0.375	200	28	4.1	2	1.9	63.9	106	12.4	8	USL3PN3040200
2.5	14	0.472	0.375	200	28	4.1	2	1.9	58.5	132	16	10.5	USL3PN3040250
3	14	0.472	0.375	200	28	4.1	2	1.9	53.4	159	19	12.5	USL3PN3040300
4	14	0.472	0.375	200	28	4.1	2	1.9	45.6	212	28	17	USL3PN3040400
5	14	0.551	0.375	190	20	4.1	2	1.9	39.2	264	38	19.5	USL3PN3040500
6	14	0.551	0.375	190	20	4.1	2	1.9	34.2	317	50	23	USL3PN3040600
8	14	0.630	0.375	190	20	4.1	2	1.9	27	353	78	32.5	USL3PN3040800
10	18	0.630	0.375	190	20	4.7	2.4	2.4	25.6	442	120	48	USL3PN3041000
12	18	0.748	0.375	190	20	4.7	2.4	2.4	25.6	529	162	55.5	USL3PN3041200
14	18	0.866	0.375	130	18	4.7	2.4	2.4	10.1	463	210	67	USL3PN3041400
16	18	0.866	0.375	110	18	4.7	2.4	2.4	16.7	529	265	88.5	USL3PN3041600
18	18	0.866	0.375	110	18	4.7	2.4	2.4	14.9	596	326	100	USL3PN3041800
20	20	0.984	0.375	115	18	4.7	2.4	2.4	13.5	662	393	116	USL3PN3042000
24	20	0.984	0.375	100	18	6	3	2.7	14	794	562	139.5	USL3PN3042400
30	20	0.984	0.375	90	18	6	3	2.7	11.3	883	842	194	USL3PN3043000
36	20	0.984	0.375	90	18	6	3	2.7	9.5	1059	1180	233	USL3PN3043600

FLEXICRAFT

"Flexible Piping Solutions"

PRINT CERTIFICATION:

Certified Correct As Of:

By: _____

Proposal/Inquiry/Order No.:

Customer Name:

Project Name:

Contractor:

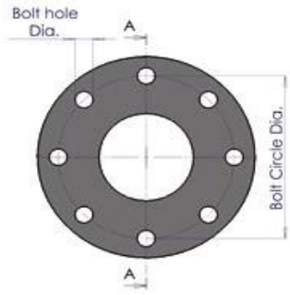
The above expansion joints and related hardware, meet or exceed the physical, mechanical or material specifications of the Rubber Expansion Joint Div., Fluid Sealing Association . For additional information, see the Association, "Technical Handbook, Fifth Edition", Chapter II, Paragraph A.1. and Tables II,III, IV.

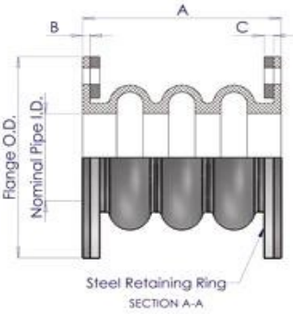
NOTES:

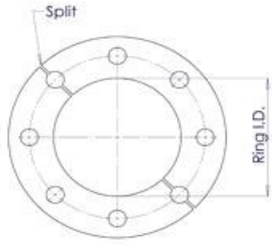
HAVE CONTROL UNITS BEEN ORDERED FOR THIS INSTALLATION: _____

ULTRASPOOL TRIPLE EXPANSION JOINT

NITRILE/NEOPRENE RUBBER







The Flexicraft Ultraspool expansion joints are the most versatile rubber expansion joints available. The triple arch design has greater allowed movements than the single or double 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	in²	lbs	
1.5	14	0.472	0.375	200	28	3.5	1.8	1.9	67.4	88	7.5	6.5	USL3PN3160150
2	14	0.472	0.375	200	28	4.1	2	1.9	63.9	106	12.4	8	USL3PN3160200
2.5	14	0.472	0.375	200	28	4.1	2	1.9	58.5	132	16	10.5	USL3PN3160250
3	14	0.472	0.375	200	28	4.1	2	1.9	53.4	159	19	12.5	USL3PN3160300
4	14	0.472	0.375	200	28	4.1	2	1.9	45.6	212	28	17	USL3PN3160400
5	14	0.551	0.375	190	20	4.1	2	1.9	39.2	264	38	19.5	USL3PN3160500
6	14	0.551	0.375	190	20	4.1	2	1.9	34.2	317	50	23	USL3PN3160600
8	14	0.630	0.375	190	20	4.1	2	1.9	27	353	78	32.5	USL3PN3160800
10	18	0.630	0.375	190	20	4.7	2.4	2.4	25.6	442	120	48	USL3PN3161000
12	18	0.748	0.375	190	20	4.7	2.4	2.4	25.6	529	162	55.5	USL3PN3161200
14	18	0.866	0.375	130	18	4.7	2.4	2.4	10.1	463	210	67	USL3PN3161400
16	18	0.866	0.375	110	18	4.7	2.4	2.4	16.7	529	265	88.5	USL3PN3161600
18	18	0.866	0.375	110	18	4.7	2.4	2.4	14.9	596	326	100	USL3PN3161800
20	20	0.984	0.375	115	18	4.7	2.4	2.4	13.5	662	393	116	USL3PN3162000
24	20	0.984	0.375	100	18	6	3	2.7	14	794	562	139.5	USL3PN3162400
30	20	0.984	0.375	90	18	6	3	2.7	11.3	883	842	194	USL3PN3163000
36	20	0.984	0.375	90	18	6	3	2.7	9.5	1059	1180	233	USL3PN3163600

FLEXICRAFT

"Flexible Piping Solutions"

PRINT CERTIFICATION:

Certified Correct As Of:

By: _____

Proposal/Inquiry/Order No.:

Customer Name:

Project Name:

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.

NOTES:

HAVE CONTROL UNITS BEEN ORDERED FOR THIS INSTALLATION: _____

FLEXICRAFT INDUSTRIES 2315 W. HUBBARD ST. CHICAGO, IL 60612 PH: 800.533.1024 FX 312.421.6327