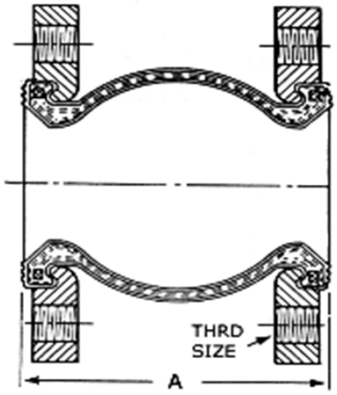
ULTRASPHERE EXPANSION JOINT

EPDM RUBBER



The Ultrasphere is the the most widely applied rubber expansion joint available today. For a reasonable cost, it provides good pressure, temperature, and movement characteristics. It also helps to control pulsation shocks and noise transmission.

Dimensions			Movements				Pressure				Physicals		Weight	Product No.
Size	Length A	Flange Hole Thread	Ax Comp	Ax Ext	Lateral	Rot	Pres 170°F	Pres 200°F	Pres 220°F	Vac	Spring Rate	Effective Area		
in	in		in	in	in	deg	psi	psi	psi	in Hg	lbs/in	sq in	lbs	
1	3.75	1/2-12NC	0.25	0.09	0.25	15	225	150	100	16	484	3	5	USR1EE0100
1.25	3.75	1/2-12NC	0.25	0.09	0.25	15	225	150	100	16	490	4	6	USR1EE0125
1.5	3.75	1/2-12NC	0.25	0.09	0.25	15	225	150	100	16	518	5	7	USR1EE0150
2	6	5/8-11NC	0.5	0.38	0.5	15	225	150	100	16	526	6	8	USR1EE0200
2.5	6	5/8-11NC	0.5	0.38	0.5	15	225	150	100	16	964	10	13	USR1EE0250
3	6	5/8-11NC	0.5	0.38	0.5	15	225	150	100	16	1480	11	14	USR1EE0300
4	6	3/4-10NC	0.625	0.38	0.5	15	225	150	100	16	812	20	18	USR1EE0400
5	6	3/4-10NC	0.625	0.38	0.5	15	225	150	100	16	1312	32	23	USR1EE0500
6	6	3/4-10NC	0.625	0.38	0.5	15	225	150	100	16	1336	43	28	USR1EE0600
8	6	3/4-10NC	0.625	0.38	0.5	15	225	150	100	16	1728	66	40	USR1EE0800
10	8	7/8-9NC	0.75	0.5	0.75	15	225	150	100	16	1426	101	68	USR1EE1000
12	8	DRILLED	0.75	0.5	0.75	15	225	150	100	16	1826	154	94	USR1EE1200
14	8	DRILLED	1	0.63	0.875	15	125	95	35	16	1950	183	115	USR1EE1400
16	8	DRILLED	1	0.63	0.875	15	125	95	35	16	2010	241	165	USR1EE1600
18	8	DRILLED	1	0.63	0.875	15	125	95	35	16	2232	300	168	USR1EE1800
20	8	DRILLED	1	0.63	0.875	15	125	95	35	16	2322	365	170	USR1EE2000
22	10	DRILLED	1	0.63	0.875	15	125	95	35	16	NA	435	210	USR1EE2200
24	10	DRILLED	1	0.63	0.875	15	125	95	35	16	NA	515	255	USR1EE2400

FLEXICRAFT

"Flexible Piping Solutions"

PRINT CERTIFICATION:

Certified Correct As Of: _____

By: _____

Proposal/Inquiry/Order No.:

Customer Name:

Project Name:

Contractor:

NOTES:

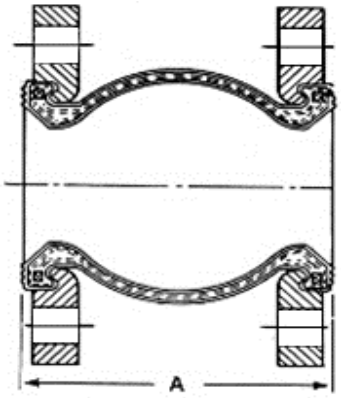
The above expansion joints and related hardware, meet or exceed the physical, mechanical or material specifications of the Rubber Expansion Joint Div., Fluid Sealing Association . For additional information, see the Association, "Technical Handbook, Fifth Edition", Chapter II, Paragraph A.1. and Tables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

HAVE CONTROL UNITS BEEN ORDERED FOR THIS INSTALLATION: _____

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

ULTRASPHERE EXPANSION JOINT

EPDM RUBBER - DRILLED FLANGE HOLES



The Ultrasphere is the the most widely applied rubber expansion joint available today. For a reasonable cost, it provides good pressure, temperature, and movement characteristics. It also helps to control pulsation shocks and noise transmission.

Dimensions			Movements				Pressure				Physicals		Weight	Product No.
Size	Length A	Flange Hole Thread	Ax Comp	Ax Ext	Lateral	Rot	Pres 170°F	Pres 200°F	Pres 220°F	Vac	Spring Rate	Effective Area		
in	in		in	in	in	deg	psi	psi	psi	in Hg	lbs/in	sq in	lbs	
1	3.75	DRILLED	0.25	0.09	0.25	15	225	150	100	16	484	3	5	USR1DEE0100
1.25	3.75	DRILLED	0.25	0.09	0.25	15	225	150	100	16	490	4	6	USR1DEE0125
1.5	3.75	DRILLED	0.25	0.09	0.25	15	225	150	100	16	518	5	7	USR1DEE0150
2	6	DRILLED	0.5	0.38	0.5	15	225	150	100	16	526	6	8	USR1DEE0200
2.5	6	DRILLED	0.5	0.38	0.5	15	225	150	100	16	964	10	13	USR1DEE0250
3	6	DRILLED	0.5	0.38	0.5	15	225	150	100	16	1480	11	14	USR1DEE0300
4	6	DRILLED	0.625	0.38	0.5	15	225	150	100	16	812	20	18	USR1DEE0400
5	6	DRILLED	0.625	0.38	0.5	15	225	150	100	16	1312	32	23	USR1DEE0500
6	6	DRILLED	0.625	0.38	0.5	15	225	150	100	16	1336	43	28	USR1DEE0600
8	6	DRILLED	0.625	0.38	0.5	15	225	150	100	16	1728	66	40	USR1DEE0800
10	8	DRILLED	0.75	0.5	0.75	15	225	150	100	16	1426	101	68	USR1DEE1000
12	8	DRILLED	0.75	0.5	0.75	15	225	150	100	16	1826	154	94	USR1DEE1200
14	8	DRILLED	1	0.63	0.875	15	125	95	35	16	1950	183	115	USR1DEE1400
16	8	DRILLED	1	0.63	0.875	15	125	95	35	16	2010	241	165	USR1DEE1600
18	8	DRILLED	1	0.63	0.875	15	125	95	35	16	2232	300	168	USR1DEE1800
20	8	DRILLED	1	0.63	0.875	15	125	95	35	16	2322	365	170	USR1DEE2000
22	10	DRILLED	1	0.63	0.875	15	125	95	35	16	NA	435	210	USR1DEE2200
24	10	DRILLED	1	0.63	0.875	15	125	95	35	16	NA	515	255	USR1DEE2400

FLEXICRAFT

"Flexible Piping Solutions"

PRINT CERTIFICATION:

Certified Correct As Of: _____

By: _____

Proposal/Inquiry/Order No.:

Customer Name:

Project Name:

Contractor:

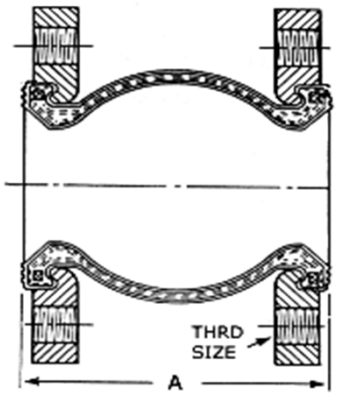
NOTES:

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: _____

ULTRASPHERE EXPANSION JOINT

NEOPRENE RUBBER



The Ultrasphere is the most widely applied rubber expansion joint available today. For a reasonable cost, it provides good pressure, temperature, and movement characteristics. It also helps to control pulsation shocks and noise transmission.

Dimensions			Movements				Pressure				Physicals		Weight	Product No.
Size	Length A	Flange Hole Thread	Ax Comp	Ax Ext	Lateral	Rot	Pres 170°F	Pres 200°F	Pres 220°F	Vac	Spring Rate	Effective Area		
in	in		in	in	in	deg	psi	psi	psi	in Hg	lbs/in	sq in	lbs	
1	3.75	1/2-12NC	0.25	0.09	0.25	15	225	150	100	16	484	3	5	USR1NN0100
1.25	3.75	1/2-12NC	0.25	0.09	0.25	15	225	150	100	16	490	4	6	USR1NN0125
1.5	3.75	1/2-12NC	0.25	0.09	0.25	15	225	150	100	16	518	5	7	USR1NN0150
2	6	5/8-11NC	0.50	0.38	0.5	15	225	150	100	16	526	6	8	USR1NN0200
2.5	6	5/8-11NC	0.50	0.38	0.5	15	225	150	100	16	964	10	13	USR1NN0250
3	6	5/8-11NC	0.50	0.38	0.5	15	225	150	100	16	1480	11	14	USR1NN0300
4	6	3/4-10NC	0.625	0.38	0.5	15	225	150	100	16	812	20	18	USR1NN0400
5	6	3/4-10NC	0.625	0.38	0.5	15	225	150	100	16	1312	32	23	USR1NN0500
6	6	3/4-10NC	0.625	0.38	0.5	15	225	150	100	16	1336	43	28	USR1NN0600
8	6	3/4-10NC	0.625	0.38	0.5	15	225	150	100	16	1728	66	40	USR1NN0800
10	8	7/8-9NC	0.75	0.5	0.75	15	225	150	100	16	1426	101	68	USR1NN1000
12	8	DRILLED	0.75	0.5	0.75	15	225	150	100	16	1826	154	94	USR1NN1200
14	8	DRILLED	1	0.63	0.875	15	125	95	35	16	1950	183	115	USR1NN1400
16	8	DRILLED	1	0.63	0.875	15	125	95	35	16	2010	241	165	USR1NN1600
18	8	DRILLED	1	0.63	0.875	15	125	95	35	16	2232	300	168	USR1NN1800
20	8	DRILLED	1	0.63	0.875	15	125	95	35	16	2322	365	170	USR1NN2000
22	10	DRILLED	1	0.63	0.875	15	125	95	35	16	NA	435	210	USR1NN2200
24	10	DRILLED	1	0.63	0.875	15	125	95	35	16	NA	515	255	USR1NN2400

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.

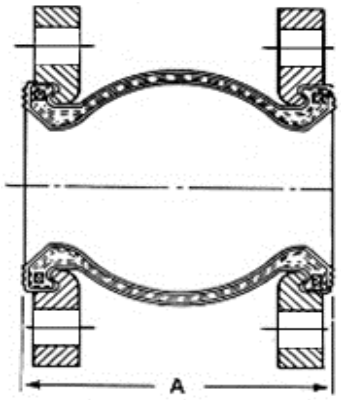
NOTES:

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

ULTRASPHERE EXPANSION JOINT

NEOPRENE RUBBER - DRILLED FLANGE HOLES



The Ultrasphere is the most widely applied rubber expansion joint available today. For a reasonable cost, it provides good pressure, temperature, and movement characteristics. It also helps to control pulsation shocks and noise transmission.

Dimensions			Movements				Pressure				Physicals		Weight	Product No.
Size	Length A	Flange Hole Thread	Ax Comp	Ax Ext	Lateral	Rot	Pres 170°F	Pres 200°F	Pres 220°F	Vac	Spring Rate	Effective Area		
in	in		in	in	in	deg	psi	psi	psi	in Hg	lbs/in	sq in	lbs	
1	3.75	DRILLED	0.25	0.09	0.25	15	225	150	100	16	484	3	5	USR1DNN0100
1.25	3.75	DRILLED	0.25	0.09	0.25	15	225	150	100	16	490	4	6	USR1DNN0125
1.5	3.75	DRILLED	0.25	0.09	0.25	15	225	150	100	16	518	5	7	USR1DNN0150
2	6	DRILLED	0.50	0.38	0.5	15	225	150	100	16	526	6	8	USR1DNN0200
2.5	6	DRILLED	0.50	0.38	0.5	15	225	150	100	16	964	10	13	USR1DNN0250
3	6	DRILLED	0.50	0.38	0.5	15	225	150	100	16	1480	11	14	USR1DNN0300
4	6	DRILLED	0.625	0.38	0.5	15	225	150	100	16	812	20	18	USR1DNN0400
5	6	DRILLED	0.625	0.38	0.5	15	225	150	100	16	1312	32	23	USR1DNN0500
6	6	DRILLED	0.625	0.38	0.5	15	225	150	100	16	1336	43	28	USR1DNN0600
8	6	DRILLED	0.625	0.38	0.5	15	225	150	100	16	1728	66	40	USR1DNN0800
10	8	DRILLED	0.75	0.5	0.75	15	225	150	100	16	1426	101	68	USR1DNN1000
12	8	DRILLED	0.75	0.5	0.75	15	225	150	100	16	1826	154	94	USR1DNN1200
14	8	DRILLED	1	0.63	0.875	15	125	95	35	16	1950	183	115	USR1DNN1400
16	8	DRILLED	1	0.63	0.875	15	125	95	35	16	2010	241	165	USR1DNN1600
18	8	DRILLED	1	0.63	0.875	15	125	95	35	16	2232	300	168	USR1DNN1800
20	8	DRILLED	1	0.63	0.875	15	125	95	35	16	2322	365	170	USR1DNN2000
22	10	DRILLED	1	0.63	0.875	15	125	95	35	16	NA	435	210	USR1DNN2200
24	10	DRILLED	1	0.63	0.875	15	125	95	35	16	NA	515	255	USR1DNN2400

FLEXICRAFT

"Flexible Piping Solutions"

PRINT CERTIFICATION:

Certified Correct As Of: _____

By: _____

Proposal/Inquiry/Order No.:

Customer Name:

Project Name:

Contractor:

NOTES:

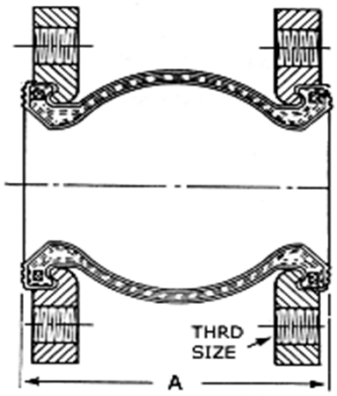
The above expansion joints and related hardware, meet or exceed the physical, mechanical or material specifications of the Rubber Expansion Joint Div., Fluid Sealing Association . For additional information, see the Association, "Technical Handbook, Fifth Edition", Chapter II, Paragraph A.1. and Tables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

HAVE CONTROL UNITS BEEN ORDERED FOR THIS INSTALLATION: _____

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

ULTRASPHERE EXPANSION JOINT

NITRILE TUBE/NEOPRENE COVER



The Ultrasphere is the most widely applied rubber expansion joint available today. For a reasonable cost, it provides good pressure, temperature, and movement characteristics. It also helps to control pulsation shocks and noise transmission.

Dimensions			Movements				Pressure				Physicals		Weight	Product No.
Size	Length A	Flange Hole Thread	Ax Comp	Ax Ext	Lateral	Rot	Pres 170°F	Pres 200°F	Pres 220°F	Vac	Spring Rate	Effective Area		
in	in		in	in	in	deg	psi	psi	psi	in Hg	lbs/in	sq in	lbs	
1	3.75	1/2-12NC	0.25	0.09	0.25	15	225	150	100	16	484	3	5	USR1PN0100
1.25	3.75	1/2-12NC	0.25	0.09	0.25	15	225	150	100	16	490	4	6	USR1PN0125
1.5	3.75	1/2-12NC	0.25	0.09	0.25	15	225	150	100	16	518	5	7	USR1PN0150
2	6	5/8-11NC	0.50	0.38	0.5	15	225	150	100	16	526	6	8	USR1PN0200
2.5	6	5/8-11NC	0.50	0.38	0.5	15	225	150	100	16	964	10	13	USR1PN0250
3	6	5/8-11NC	0.50	0.38	0.5	15	225	150	100	16	1480	11	14	USR1PN0300
4	6	3/4-10NC	0.625	0.38	0.5	15	225	150	100	16	812	20	18	USR1PN0400
5	6	3/4-10NC	0.625	0.38	0.5	15	225	150	100	16	1312	32	23	USR1PN0500
6	6	3/4-10NC	0.625	0.38	0.5	15	225	150	100	16	1336	43	28	USR1PN0600
8	6	3/4-10NC	0.625	0.38	0.5	15	225	150	100	16	1728	66	40	USR1PN0800
10	8	7/8-9NC	0.75	0.5	0.75	15	225	150	100	16	1426	101	68	USR1PN1000
12	8	DRILLED	0.75	0.5	0.75	15	225	150	100	16	1826	154	94	USR1PN1200
14	8	DRILLED	1	0.63	0.875	15	125	95	35	16	1950	183	115	USR1PN1400
16	8	DRILLED	1	0.63	0.875	15	125	95	35	16	2010	241	165	USR1PN1600
18	8	DRILLED	1	0.63	0.875	15	125	95	35	16	2232	300	168	USR1PN1800
20	8	DRILLED	1	0.63	0.875	15	125	95	35	16	2322	365	170	USR1PN2000
22	10	DRILLED	1	0.63	0.875	15	125	95	35	16	NA	435	210	USR1PN2200
24	10	DRILLED	1	0.63	0.875	15	125	95	35	16	NA	515	255	USR1PN2400

FLEXICRAFT

"Flexible Piping Solutions"

PRINT CERTIFICATION:

Certified Correct As Of: _____

By: _____

Proposal/Inquiry/Order No.:

Customer Name:

Project Name:

Contractor:

NOTES:

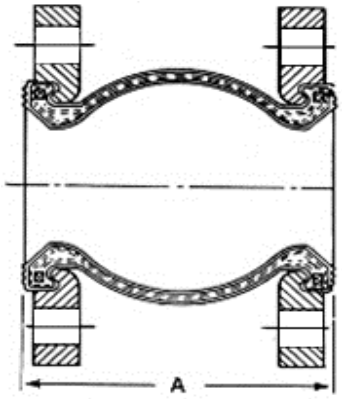
The above expansion joints and related hardware, meet or exceed the physical, mechanical or material specifications of the Rubber Expansion Joint Div., Fluid Sealing Association . For additional information, see the Association, "Technical Handbook, Fifth Edition", Chapter II, Paragraph A.1. and Tables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

HAVE CONTROL UNITS BEEN ORDERED FOR THIS INSTALLATION: _____

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

ULTRASPHERE EXPANSION JOINT

NITRILE/NEOPRENE RUBBER - DRILLED FLANGE HOLES



The Ultrasphere is the most widely applied rubber expansion joint available today. For a reasonable cost, it provides good pressure, temperature, and movement characteristics. It also helps to control pulsation shocks and noise transmission.

Dimensions			Movements				Pressure				Physicals		Weight	Product No.
Size	Length A	Flange Hole Thread	Ax Comp	Ax Ext	Lateral	Rot	Pres 170°F	Pres 200°F	Pres 220°F	Vac	Spring Rate	Effective Area		
in	in		in	in	in	deg	psi	psi	psi	in Hg	lbs/in	sq in	lbs	
1	3.75	DRILLED	0.25	0.09	0.25	15	225	150	100	16	484	3	5	USR1DPN0100
1.25	3.75	DRILLED	0.25	0.09	0.25	15	225	150	100	16	490	4	6	USR1DPN0125
1.5	3.75	DRILLED	0.25	0.09	0.25	15	225	150	100	16	518	5	7	USR1DPN0150
2	6	DRILLED	0.50	0.38	0.5	15	225	150	100	16	526	6	8	USR1DPN0200
2.5	6	DRILLED	0.50	0.38	0.5	15	225	150	100	16	964	10	13	USR1DPN0250
3	6	DRILLED	0.50	0.38	0.5	15	225	150	100	16	1480	11	14	USR1DPN0300
4	6	DRILLED	0.625	0.38	0.5	15	225	150	100	16	812	20	18	USR1DPN0400
5	6	DRILLED	0.625	0.38	0.5	15	225	150	100	16	1312	32	23	USR1DPN0500
6	6	DRILLED	0.625	0.38	0.5	15	225	150	100	16	1336	43	28	USR1DPN0600
8	6	DRILLED	0.625	0.38	0.5	15	225	150	100	16	1728	66	40	USR1DPN0800
10	8	DRILLED	0.75	0.5	0.75	15	225	150	100	16	1426	101	68	USR1DPN1000
12	8	DRILLED	0.75	0.5	0.75	15	225	150	100	16	1826	154	94	USR1DPN1200
14	8	DRILLED	1	0.63	0.875	15	125	95	35	16	1950	183	115	USR1DPN1400
16	8	DRILLED	1	0.63	0.875	15	125	95	35	16	2010	241	165	USR1DPN1600
18	8	DRILLED	1	0.63	0.875	15	125	95	35	16	2232	300	168	USR1DPN1800
20	8	DRILLED	1	0.63	0.875	15	125	95	35	16	2322	365	170	USR1DPN2000
22	10	DRILLED	1	0.63	0.875	15	125	95	35	16	NA	435	210	USR1DPN2200
24	10	DRILLED	1	0.63	0.875	15	125	95	35	16	NA	515	255	USR1DPN2400

FLEXICRAFT

"Flexible Piping Solutions"

PRINT CERTIFICATION:

Certified Correct As Of: _____

By: _____

Proposal/Inquiry/Order No.:

Customer Name:

Project Name:

Contractor:

NOTES:

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: _____