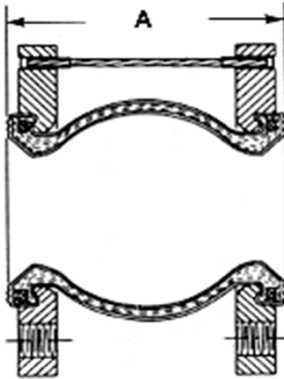



## ULTRASPHERE EXPANSION JOINT EPDM RUBBER WITH CONTROL CABLES

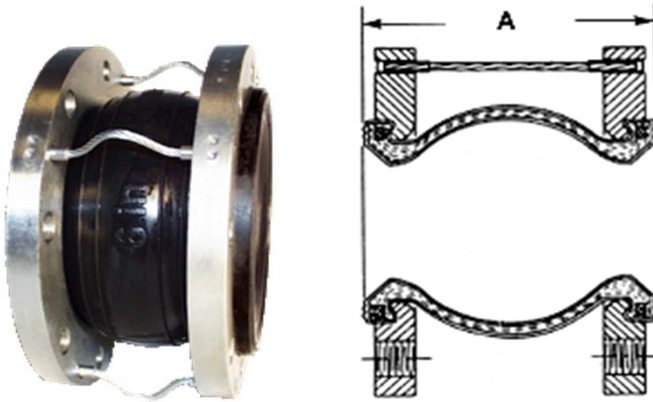


The Ultrasphere is the the most widely applied rubber expansion joint available today. For a reasonable cost, it provides good pressure, temperature, and movement characteristics. It also helps to control pulsation shocks and noise transmission.

Dimensions			Movements			Pressure				Physicals		Weight lbs	Product No.
Size in	Length A in	Flange Hole Thread	Ax Comp in	Lateral in	Rot deg	Pres 170°F psi	Pres 200°F psi	Pres 220°F psi	Vac in Hg	Spring Rate lbs/in	Effective Area sq in		
1	3.75	1/2-12NC	0.25	0.25	15	225	150	100	16	484	3	5	USR1CEE0100
1.25	3.75	1/2-12NC	0.25	0.25	15	225	150	100	16	490	4	6	USR1CEE0125
1.5	3.75	1/2-12NC	0.25	0.25	15	225	150	100	16	518	5	7	USR1CEE0150
2	6	5/8-11NC	0.5	0.5	15	225	150	100	16	526	6	8	USR1CEE0200
2.5	6	5/8-11NC	0.5	0.5	15	225	150	100	16	964	10	13	USR1CEE0250
3	6	5/8-11NC	0.5	0.5	15	225	150	100	16	1480	11	14	USR1CEE0300
4	6	3/4-10NC	0.625	0.5	15	225	150	100	16	812	20	18	USR1CEE0400
5	6	3/4-10NC	0.625	0.5	15	225	150	100	16	1312	32	23	USR1CEE0500
6	6	3/4-10NC	0.625	0.5	15	225	150	100	16	1336	43	28	USR1CEE0600
8	6	3/4-10NC	0.625	0.5	15	225	150	100	16	1728	66	40	USR1CEE0800
10	8	7/8-9NC	0.75	0.75	15	225	150	100	16	1426	101	68	USR1CEE1000
12	8	DRILLED	0.75	0.75	15	225	150	100	16	1826	154	94	USR1CEE1200
14	8	DRILLED	1	0.875	15	125	95	35	16	1950	183	115	USR1CEE1400
16	8	DRILLED	1	0.875	15	125	95	35	16	2010	241	165	USR1CEE1600
18	8	DRILLED	1	0.875	15	125	95	35	16	2232	300	168	USR1CEE1800
20	8	DRILLED	1	0.875	15	125	95	35	16	2322	365	170	USR1CEE2000
22	10	DRILLED	1	0.875	15	125	95	35	16	NA	435	210	USR1CEE2200
24	10	DRILLED	1	0.875	15	125	95	35	16	NA	515	255	USR1CEE2400

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

## ULTRASPHERE EXPANSION JOINT NEOPRENE RUBBER WITH CABLES

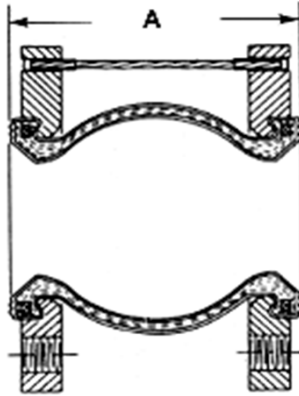


The Ultrasphere is the most widely applied rubber expansion joint available today. For a reasonable cost, it provides good pressure, temperature, and movement characteristics. It also helps to control pulsation shocks and noise transmission.

Dimensions			Movements			Pressure				Physicals		Weight lbs	Product No.
Size	Length A	Flange Hole Thread	Ax Comp	Lateral	Rot	Pres 170°F	Pres 200°F	Pres 220°F	Vac	Spring Rate	Effective Area		
in	in		in	in	deg	psi	psi	psi	in Hg	lbs/in	sq in		
1	3.75	1/2-12NC	0.25	0.25	15	225	150	100	16	484	3	5	USR1CNN0100
1.25	3.75	1/2-12NC	0.25	0.25	15	225	150	100	16	490	4	6	USR1CNN0125
1.5	3.75	1/2-12NC	0.25	0.25	15	225	150	100	16	518	5	7	USR1CNN0150
2	6	5/8-11NC	0.50	0.5	15	225	150	100	16	526	6	8	USR1CNN0200
2.5	6	5/8-11NC	0.50	0.5	15	225	150	100	16	964	10	13	USR1CNN0250
3	6	5/8-11NC	0.50	0.5	15	225	150	100	16	1480	11	14	USR1CNN0300
4	6	3/4-10NC	0.625	0.5	15	225	150	100	16	812	20	18	USR1CNN0400
5	6	3/4-10NC	0.625	0.5	15	225	150	100	16	1312	32	23	USR1CNN0500
6	6	3/4-10NC	0.625	0.5	15	225	150	100	16	1336	43	28	USR1CNN0600
8	6	3/4-10NC	0.625	0.5	15	225	150	100	16	1728	66	40	USR1CNN0800
10	8	7/8-9NC	0.75	0.75	15	225	150	100	16	1426	101	68	USR1CNN1000
12	8	DRILLED	0.75	0.75	15	225	150	100	16	1826	154	94	USR1CNN1200
14	8	DRILLED	1	0.875	15	125	95	35	16	1950	183	115	USR1CNN1400
16	8	DRILLED	1	0.875	15	125	95	35	16	2010	241	165	USR1CNN1600
18	8	DRILLED	1	0.875	15	125	95	35	16	2232	300	168	USR1CNN1800
20	8	DRILLED	1	0.875	15	125	95	35	16	2322	365	170	USR1CNN2000
22	10	DRILLED	1	0.875	15	125	95	35	16	NA	435	210	USR1CNN2200
24	10	DRILLED	1	0.875	15	125	95	35	16	NA	515	255	USR1CNN2400


<p><b>"Flexible Piping Solutions"</b></p>	Proposal/Inquiry/Order No.: _____	NOTES:	
	Customer Name: _____		
	Project Name: _____		
<p><b>PRINT CERTIFICATION:</b></p> 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: _____

## ULTRASPHERE EXPANSION JOINT NITRILE TUBE NEOPRENE COVER WITH CABLES



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 lbs	Product No.
Size	Length A	Flange Hole Thread	Ax Comp	Lateral	Rot	Pres 170°F	Pres 200°F	Pres 220°F	Vac	Spring Rate	Effective Area		
in	in		in	in	deg	psi	psi	psi	in Hg	lbs/in	sq in		
1	3.75	1/2-12NC	0.25	0.25	15	225	150	100	16	484	3	5	USR1CPN0100
1.25	3.75	1/2-12NC	0.25	0.25	15	225	150	100	16	490	4	6	USR1CPN0125
1.5	3.75	1/2-12NC	0.25	0.25	15	225	150	100	16	518	5	7	USR1CPN0150
2	6	5/8-11NC	0.50	0.5	15	225	150	100	16	526	6	8	USR1CPN0200
2.5	6	5/8-11NC	0.50	0.5	15	225	150	100	16	964	10	13	USR1CPN0250
3	6	5/8-11NC	0.50	0.5	15	225	150	100	16	1480	11	14	USR1CPN0300
4	6	3/4-10NC	0.625	0.5	15	225	150	100	16	812	20	18	USR1CPN0400
5	6	3/4-10NC	0.625	0.5	15	225	150	100	16	1312	32	23	USR1CPN0500
6	6	3/4-10NC	0.625	0.5	15	225	150	100	16	1336	43	28	USR1CPN0600
8	6	3/4-10NC	0.625	0.5	15	225	150	100	16	1728	66	40	USR1CPN0800
10	8	7/8-9NC	0.75	0.75	15	225	150	100	16	1426	101	68	USR1CPN1000
12	8	DRILLED	0.75	0.75	15	225	150	100	16	1826	154	94	USR1CPN1200
14	8	DRILLED	1	0.875	15	125	95	35	16	1950	183	115	USR1CPN1400
16	8	DRILLED	1	0.875	15	125	95	35	16	2010	241	165	USR1CPN1600
18	8	DRILLED	1	0.875	15	125	95	35	16	2232	300	168	USR1CPN1800
20	8	DRILLED	1	0.875	15	125	95	35	16	2322	365	170	USR1CPN2000
22	10	DRILLED	1	0.875	15	125	95	35	16	NA	435	210	USR1CPN2200
24	10	DRILLED	1	0.875	15	125	95	35	16	NA	515	255	USR1CPN2400

 <p style="text-align: center;"><b>"Flexible Piping Solutions"</b></p>	Proposal/Inquiry/Order No.: _____	NOTES:
	Customer Name: _____	
	Project Name: _____	
<p><b>PRINT CERTIFICATION:</b></p> Certified Correct As Of: _____	Contractor: _____	HAVE CONTROL UNITS BEEN ORDERED FOR THIS INSTALLATION: _____
By: _____	<small>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.</small>	