

RUBBER EXPANSION JOINT, TYPE ERV-R



APPLICATIONS

Rotring rubber expansion joints in high-tech design for water, drinking water (approval DVGW W 270 as well as ACS, conform to FDA), cold and warm waste water, seawater, cooling water, also with chemical additives for water treatment, low concentrated acids and alkalis, salt solutions, technical alcohols, esters and ketones. Temperature (depending on the medium) range -40°C up to +100°C, temporarily up to 120°C. For high vacuum a vacuum support ring must be used. Electrically dissipative.

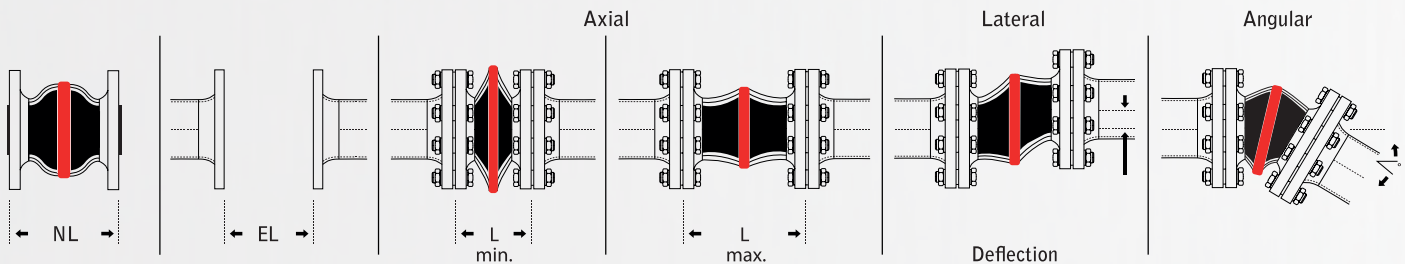
Not suitable for all kinds of mineral oil products, cooling water with added oil containing corrosion preventatives, oily compressor air.

TECHNICAL DESCRIPTION

Liner : Butyl (IIR)/EPDM, seamless, low permeation
 Reinforcement : PA textile cord, Butyl rubberized
 Cover : EPDM, ozone proof, heat resistant
 Marking : Red band, ERV DN, PN, production date

FLANGES

Swivelling, PN 10/16, carbon steel, zinc plated.
 Other flange standards and materials on request.
 For rubber expansion joints DN25, bellows DN32 are used.



DATA TABLE

NL Neutral Length	DN	EL min.	EL max.	L min.	L max.	Lateral Deflection	Angular	Max. Pressure	Max. Pressure
mm	mm	mm	mm	mm	mm	mm	°	bar/+50°C	bar/+100°C
130	25-80	120	135	100	150	+/- 30	+/- 30	16	10
130	100-150	120	135	100	150	+/- 30	+/- 20	16	10
130	200	115	140	105	160	+/- 30	+/- 10	16	10
130	250-300	125	140	120	160	+/- 15	+/- 5	16	10
150	50-200	140	160	115	180	+/- 30	+/- 15	16	10
160	32-200	150	170	130	195	+/- 35	+/- 15	16	10
175	200	165	185	160	210	+/- 15	+/- 5	16	10
175	250	165	185	160	210	+/- 10	+/- 5	16	10
200	250-300	190	210	160	235	+/- 30	+/- 10	10	6
200	350-600	190	210	160	235	+/- 30	+/- 8	10	6
250	800	240	260	210	285	+/- 35	+/- 5	10	6
260	700	250	270	220	290	+/- 30	+/- 5	10	6
300	900-1000	290	310	260	340	+/- 40	+/- 5	10	6

*For combined movements, consult AmniTec BV.

RUBBER EXPANSION JOINT, TYPE ROTEX



APPLICATIONS

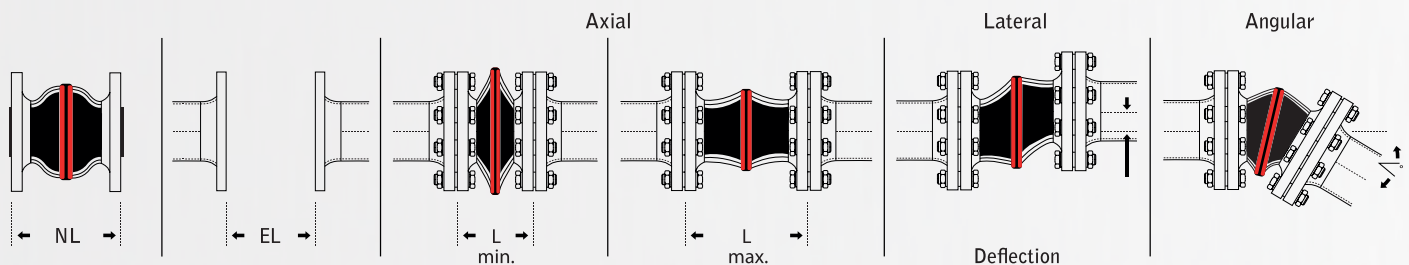
Rotex rubber expansion joint for permanent stress through hot heating water, cooling water and hot air. Approved according to DIN up to 100°C by 10 bar and up to 110°C by 6 bar. Temperature range (depending on the medium) -40°C up to +130°C, temporarily up to 150°C. Electrically dissipative. For high vacuum a vacuum support ring must be used. Not suitable for drinking water, cooling water with oil containing additives, oily compressor air, permanent effect of steam.

TECHNICAL DESCRIPTION

Liner : EPDM, hot water resistant, seamless, high abrasion resistance
 Reinforcement : Polymer textile cord, hot water and hydrolysis proof
 Cover : EPDM, ozone proof, heat resistant
 Marking : 2 red bands, ERV DN, PN, production date

FLANGES

Swivelling, PN 10/16, carbon steel, zinc plated.
 Other flange standards and materials on request.
 For rubber expansion joints DN25, bellows DN32 are used.



DATA TABLE

NL Neutral Length	DN	EL min.	EL max.	L min.	L max.	Lateral Deflection	Angular	Max. Pressure	Max. Pressure
mm	mm	mm	mm	mm	mm	mm	°	bar/+50°C	bar/+100°C
130	25-80	120	135	100	150	+/- 30	+/- 30	16	8
130	100-150	120	135	100	150	+/- 30	+/- 20	16	8
130	200	115	140	105	160	+/- 25	+/- 10	16	8
130	250-300	125	140	115	160	+/- 25	+/- 5	16	8
150	80-200	140	160	120	170	+/- 30	+/- 15	16	8
160	32-200	150	170	130	185	+/- 25	+/- 15	16	8
175	200-250	165	185	145	205	+/- 30	+/- 10	16	8
200	250-300	190	210	170	225	+/- 25	+/- 10	10	5
200	350-600	190	210	160	225	+/- 25	+/- 8	10	5
250	800	240	260	210	280	+/- 25	+/- 5	10	5
260	700	250	270	220	290	+/- 25	+/- 5	10	5
300	900-1000	290	310	260	335	+/- 30	+/- 5	10	5

*For combined movements, consult AmniTec BV.

RUBBER EXPANSION JOINT, TYPE ERV-CR



APPLICATIONS

Chloroprene rubber expansion joint for cold and warm water, swimming pool water, sea water, waste water (weakly sour or alkaline) Also oil containing, cooling water with protective oils against corrosion, lubricating oil, grease and air, compressed air. Temperature range (depending on the medium) -25°C up to +90°C, temporarily up to +100°C. Electrically non-conductive. For high vacuum a vacuum support ring must be used.

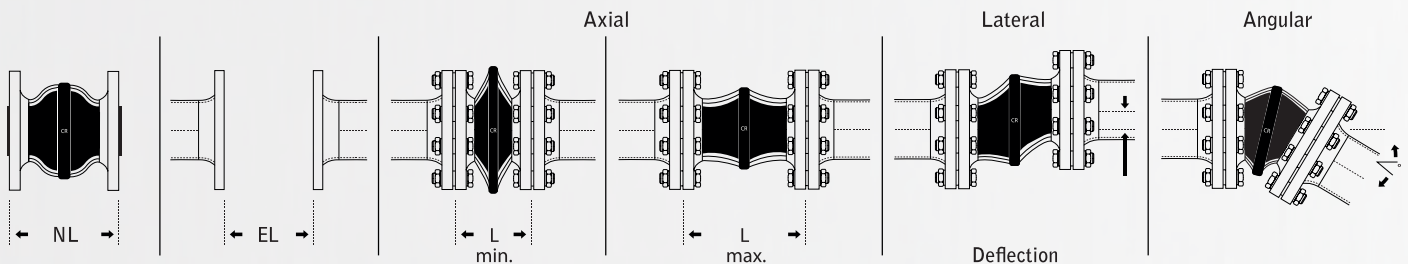
Not suitable for drinking water, acids, alkalis, chemicals, heating oil, diesel, gasoline and jet fuel, petroleum, solvents, other hydrocarbons and hot compressed air.

TECHNICAL DESCRIPTION

Liner : Chloroprene CR, seamless, abrasion resistant
 Reinforcement : PA textile cord
 Cover : Chloroprene CR
 Marking : White imprint "CR", ERV DN, PN, production date

FLANGES

Swivelling, PN 10/16, carbon steel, zinc plated.
 Other flange standards and materials on request.
 For rubber expansion joints DN25 bellows DN32 are used.



DATA TABLE

NL Neutral Length	DN	EL min.	EL max.	L min.	L max.	Lateral Deflection	Angular	Max. Pressure	Max. Pressure
mm	mm	mm	mm	mm	mm	mm	°	bar/50°C	bar/100°C
130	25-80	120	135	100	150	± 30	± 30	16	10
130	100-150	120	135	100	150	± 30	± 20	16	10
130	200	115	140	105	160	± 30	± 10	16	10
130	250-300	125	140	120	160	± 15	± 5	16	10
200	350-600	190	210	160	235	± 30	± 8	10	6
250	800	240	260	210	285	± 35	± 5	10	6
260	700	250	270	220	290	± 30	± 5	10	6
300	900-1000	290	310	260	340	± 40	± 5	10	6

*For combined movements, consult AmniTec BV.

All information in this document is without any obligation, specifications subject to change without any notice.

RUBBER EXPANSION JOINT, TYPE ERP >>



APPLICATIONS

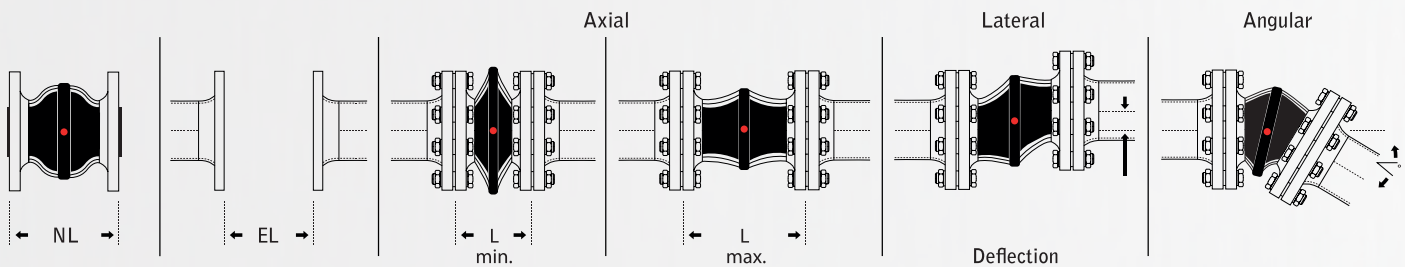
Rotpunkt rubber expansion joints for sanitary installations, highly flexible, for cold and warm water, pool water, seawater, drinking water. Temperature range (depending on medium) -40°C up to +90°C, temporarily up to +120°C. Electrically dissipative. For high vacuum a vacuum support ring must be used.

TECHNICAL DESCRIPTION

Liner : Butyl (IIR)/EPDM, seamless
 Reinforcement : PA textile cord
 Cover : EPDM
 Marking : Red spot, ERV DN, PN 10,
 production date

FLANGES

Swivelling, PN 10/16, carbon steel, zinc plated.
 Other flange standards and materials on request.
 For rubber expansion joints DN25 bellows DN32 are used.



DATA TABLE

NL Neutral Length	DN	EL min.	EL max.	L min.	L max.	Lateral Deflection	Angular	Max. Pressure	Max. Pressure	Vacuum Rating
mm	mm (in.)	mm	mm	mm	mm	mm	°	bar/+50°C	bar/+100°C	Vacuum
130	25(1")	120	135	100	150	+/- 30	+/- 30	10	6	300
130	32(1.1/4)	120	135	100	150	+/- 30	+/- 30	10	6	300
130	40(1.1/2)	120	135	100	150	+/- 30	+/- 30	10	6	300
130	50(2)	120	135	100	150	+/- 30	+/- 30	10	6	300
130	65(2.1/2)	120	135	100	150	+/- 30	+/- 30	10	6	300
130	80(3)	120	135	100	150	+/- 30	+/- 30	10	6	300
130	100(4)	100	135	100	150	+/- 30	+/- 20	10	6	200
130	125(5)	100	135	100	150	+/- 30	+/- 20	10	6	200
130	150(6)	100	135	100	150	+/- 30	+/- 20	10	6	100

*For combined movements, consult AmniTec BV.