

RUBBER EXPANSION JOINT, TYPE ERV-G



APPLICATIONS

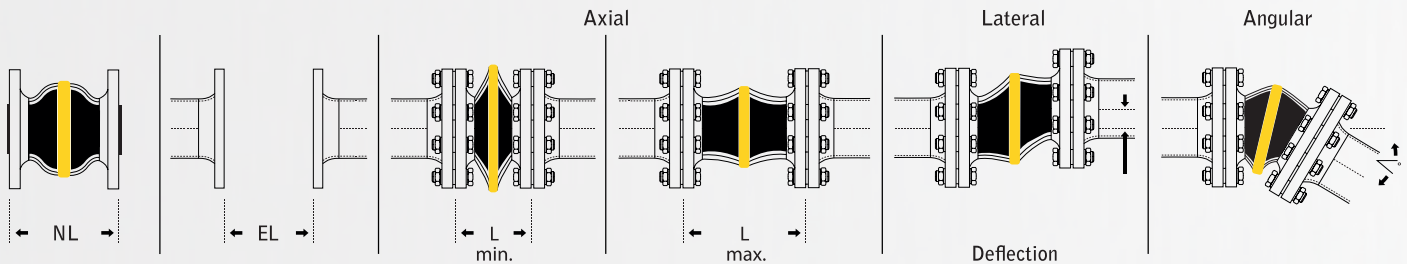
Gelbring rubber expansion joints in high-tech design suitable for petroleum based products, fuel ethanol blend e.g. E85 and DIN EN fuels up to 50% aromatic content, also town gas and natural gas, except for LP gas. Temperature range (depending on the medium) -20°C up to +90°C, temporarily up to +100°C. Electrically conductive. For high vacuum a vacuum support ring must be used.

TECHNICAL DESCRIPTION

Liner : NBR (nitrile), seamless, abrasion resistant
 Reinforcement : PA textile cord
 Cover : Chloroprene CR
 Marking : Yellow 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	200-250	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 ERV-GS >>



APPLICATIONS

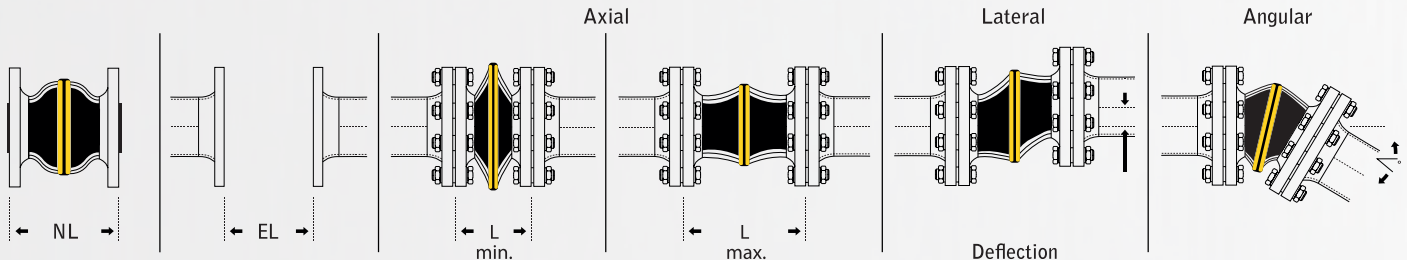
Gelbstahl rubber expansion joints for petroleum based products, DIN EN fuels up to 50% aromatic content, cooling water with oily anticorrosion additives, lubrication and hydraulic oil, seawater. Temperature range (depending on the medium) -20°C up to +90°C, temporarily up to +100°C. Fire resistant (to ISO-15540) up to 30 min. and 800°C. Electrically conductive. For high vacuum a vacuum support ring must be used.

TECHNICAL DESCRIPTION

Liner : NBR (nitrile), seamless, abrasion resistant
 Reinforcement : Steel wire cord
 Cover : Chloroprene CR
 Marking : 2 Yellow 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/+60°C	bar/+100°C
130	25-80	120	135	100	145	± 15	± 20	16	10
130	100-150	120	135	100	145	± 15	± 15	16	10
130	200-300	125	140	115	150	± 10	± 5	16	10
150	80-150	140	160	115	170	± 15	± 15	16	10
175	200-250	165	185	150	195	± 15	± 5	16	10
200	300-350	190	210	160	230	± 25	± 10	16	10
200	400-600	190	210	160	230	± 25	± 5	10	6
250	450	240	260	210	280	± 30	± 5	10	6

*For combined movements, consult AmniTec BV.

RUBBER EXPANSION JOINT, TYPE ERV-OR >>



APPLICATIONS

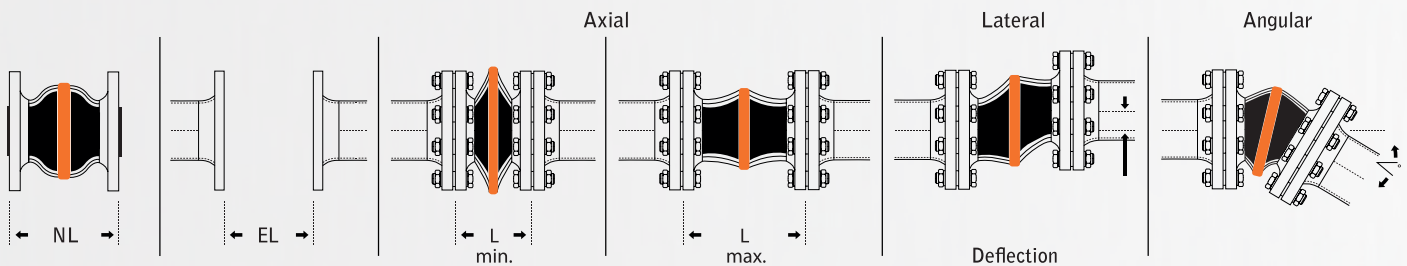
Orange ring expansion joints for Liquid Petroleum Gas (LPG) according to EN 589. For tank trucks and refuelling stations
Temperature range (depending on medium) -20°C up to +90°C, temporarily up to +100°C. Electrically dissipative. For high vacuum a vacuum support ring must be used.

TECHNICAL DESCRIPTION

Liner : NBR (nitrile), seamless
Reinforcement : PA textile cord
Cover : Chloroprene CR, pricked
Marking : Orange band, ERV DN, PN 25,
production date

FLANGES

Swivelling, PN 40, 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/+60°C	bar/+100°C
130	25-100	120	135	100	160	+/- 30	+/- 30	25	15

*For combined movements, consult AmniTec BV.