

## 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.

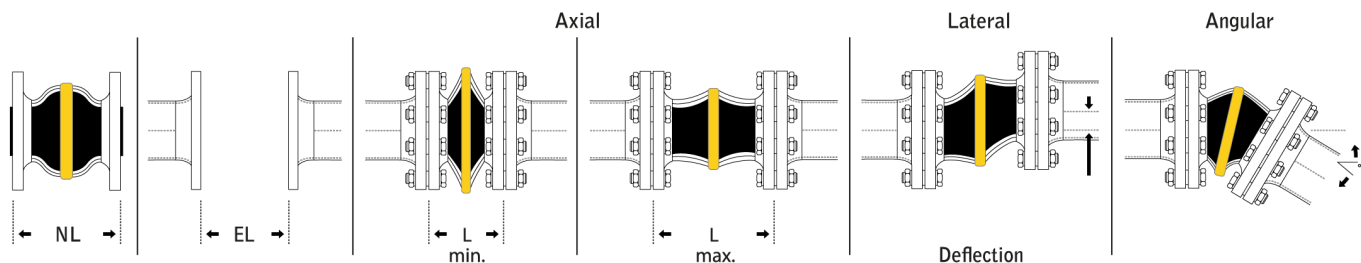


### Technical description:

Liner : NBR (nitrile), seamless, abrasion resistant  
 Reinforcement : PA textile cord  
 Cover : Chloroprene CR  
 Marking : Yellow band, ERV DN .., PN., production date

### Connections:

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



NL	DN	EL	EL	L	L	Lateral	Angular	Max.	Max.
Neutral length		min.	max.	min.	max.	deflection		pressure	pressure
mm	mm	mm	mm	mm	mm	mm	°	@50°C/bar	@100°C/bar
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.

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