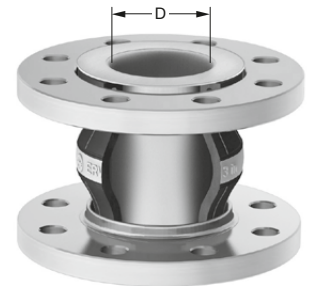


Available for all ERV types DN 25–600. Lateral and angular movements are significantly reduced.
Conical sleeves available on request.
Please note: Between the collar of the inner protection sleeve and the counter flange an additional seal is required.

25	22	ERV... 25...SR *)
32	22	ERV... 32...SR
40	30	ERV... 40...SR
50	38	ERV... 50...SR
65	53	ERV... 65...SR
80	72	ERV... 80...SR
100	88	ERV...100...SR
125	112	ERV...125...SR
150	138	ERV...150...SR
200	190	ERV...200...SR
250	235	ERV...250...SR
300	290	ERV...300...SR
350	320	ERV...350...SR
400	390	ERV...400...SR
450	440	ERV...450...SR
500	490	ERV...500...SR
600	590	ERV...600...SR

Type SR

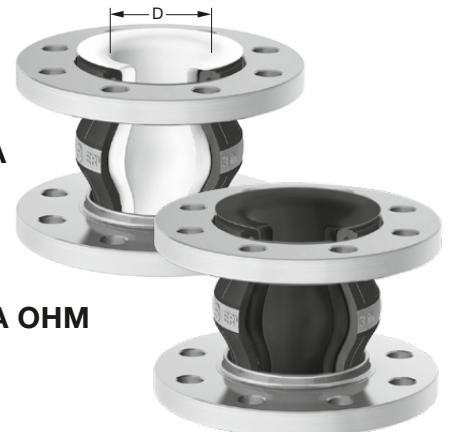


ERV with inner protection sleeve SR of stainless steel AISI 316 Ti to prevent abrasion of the rubber liner, i.e. for media containing abrasive components or to avoid cavitation.
Please note: The nominal bore is reduced.

Used when the chemical resistance of the chosen ERV type is insufficient. Resistant to all commonly used liquids. The temperature and pressure resistance of the rubber bellows with PTFE lining have to be observed.
For maximum pressure of 10 bar.
Available for DN 25 – 600 (further dimensions on request). Delivered only as complete factory mounted unit with flanges. Unmounted PTFE lining not available. The allowable movement range restricted by approximately 50%.
FDA conform.

25	25	ERV... 25...TA *) ERV... 25...TA OHM *)
32	25	ERV... 32...TA ERV... 32...TA OHM
40	32	ERV... 40...TA ERV... 40...TA OHM
50	39	ERV... 50...TA ERV... 50...TA OHM
65	54	ERV... 65...TA ERV... 65...TA OHM
80	69	ERV... 80...TA ERV... 80...TA OHM
100	88	ERV...100...TA ERV...100...TA OHM
125	112	ERV...125...TA ERV...125...TA OHM
150	137	ERV...150...TA ERV...150...TA OHM
200	192	ERV...200...TA ERV...200...TA OHM
250	242	ERV...250...TA ERV...250...TA OHM
300	291	ERV...300...TA ERV...300...TA OHM
350	321	ERV...350...TA OHM
400	392	ERV...400...TA OHM
450	432	ERV...450...TA OHM
500	482	ERV...500...TA OHM
600	573	ERV...600...TA OHM

Type TA



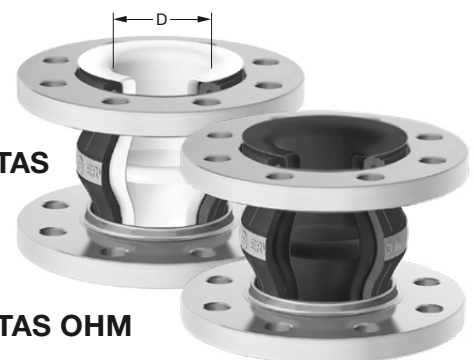
Type TA OHM

ERV with white PTFE lining TA. Electrically isolating, therefore not suitable for flammable liquids in Ex-Zones.
ERV with black, conductive PTFE lining TA OHM. Suitable for flammable liquids in Ex-Zones (on request).

Available for DN 50 – 300 (further dimensions on request). PTFE lining as 'TA' but additionally with factory mounted support ring of solid PTFE. The temperature and pressure resistance of the rubber bellows with PTFE lining has to be observed, max. 70°C for vacuum service (s. CatPage 404).
The allowable movement range is restricted by approximately 50%.
FDA conform.

50	39	ERV... 50...TAS ERV... 50...TAS OHM
65	54	ERV... 65...TAS ERV... 65...TAS OHM
80	69	ERV... 80...TAS ERV... 80...TAS OHM
100	88	ERV...100...TAS ERV...100...TAS OHM
125	112	ERV...125...TAS ERV...125...TAS OHM
150	137	ERV...150...TAS ERV...150...TAS OHM
200	192	ERV...200...TAS ERV...200...TAS OHM
250	242	ERV...250...TAS ERV...250...TAS OHM
300	291	ERV...300...TAS ERV...300...TAS OHM

Type TAS

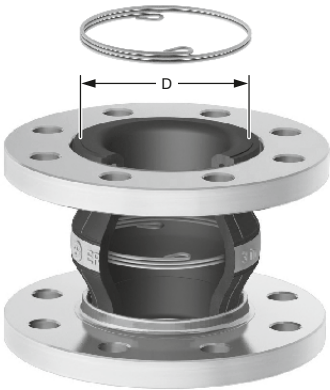
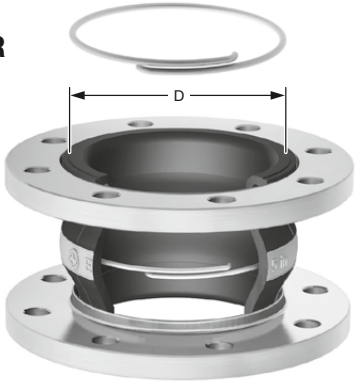
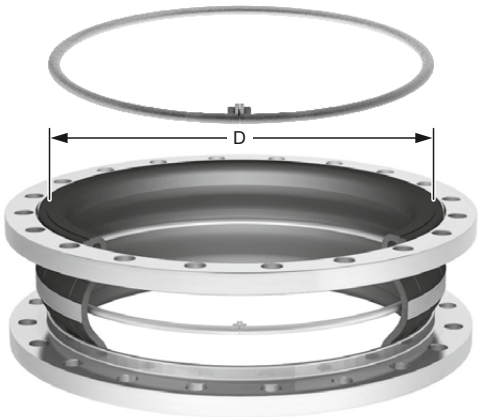


Type TAS OHM

ERV with white PTFE lining and PTFE vacuum support ring TAS. Properties like type TA, but also suitable for vacuum service, up to 70°C.
ERV with black, conductive PTFE lining and PTFE vacuum support ring TAS OHM. Properties like type TA OHM, but also suitable for vacuum service, up to 70°C.

*) For rubber expansion joints DN 25 bellows DN 32 are used.

• Vacuum Support Spiral and Ring for ERV

	Diam. Nom. mm	≈ mm	Part Number Type	
<p>—</p> <p>Available for DN 50–300. Number of turns and material thickness vary with DN. The vacuum support spiral can be easily mounted sub-sequently. No restriction of admissible pressure for ERV. Movement range restricted by approximately 50%.</p>	50	85	ERV... 50...VSD	<p>Type VSD</p>  <p>ERV with vacuum support spiral. Spiral of AISI 316 Ti, used when the vacuum resistance^{*)} of the chosen ERV is not sufficient.</p>
	65	110	ERV... 65...VSD	
	80	130	ERV... 80...VSD	
	100	180	ERV...100...VSD	
	125	230	ERV...125...VSD	
	150	270	ERV...150...VSD	
	200	320	ERV...200...VSD	
	250	420	ERV...250...VSD	
300	500	ERV...300...VSD		
<p>—</p> <p>Available for DN 125–600. The vacuum support rings can be easily mounted subsequently. No restriction of admissible pressure for ERV. Movement range restricted by approx. 50%.</p>	125	175	ERV...125...VSR	<p>Type VSR</p>  <p>ERV with vacuum support ring. Ring of AISI 316 Ti, used when the vacuum resistance^{*)} of the chosen ERV is not sufficient.</p>
	150	190	ERV...150...VSR	
	200	260	ERV...200...VSR	
	250	300	ERV...250...VSR	
	300	350	ERV...300...VSR	
	350	410	ERV...350...VSR	
	400	480	ERV...400...VSR	
	450	540	ERV...450...VSR	
	500	580	ERV...500...VSR	
600	680	ERV...600...VSR		
<p>—</p> <p>Available for DN 500–1000. The vacuum support rings can be easily mounted subsequently. No restriction of admissible pressure for ERV. Movement range restricted by approx. 50%.</p>	450	520	ERV...450...VSRV	<p>Type VSRV</p>  <p>ERV with bolted vacuum support ring. For maximal vacuum resistance^{*)} of the selected ERV. Bolted ring in stainless steel AISI 316 Ti.</p>
	500	545	ERV...500...VSRV	
	600	640	ERV...600...VSRV	
	700	780	ERV...700...VSRV	
	800	850	ERV...800...VSRV	
	900	1000	ERV...900...VSRV	
	1000	1085	ERV...1000...VSRV	

^{*)} Admissible vacuum see catalogue pages type specific ERV data sheets.