

Rubber expansion joint, type ERV-GR

Applications:

Grünring rubber expansion joints for chemicals, acids, alkalis and aggressive chemical waste water. For oil-contaminated compressed air up to + 90°C. Temperature range (depending on medium) -20°C up to +100°C, temporarily up to +110°C. Electrically non-conductive. For high vacuum a vacuum support ring must be used.

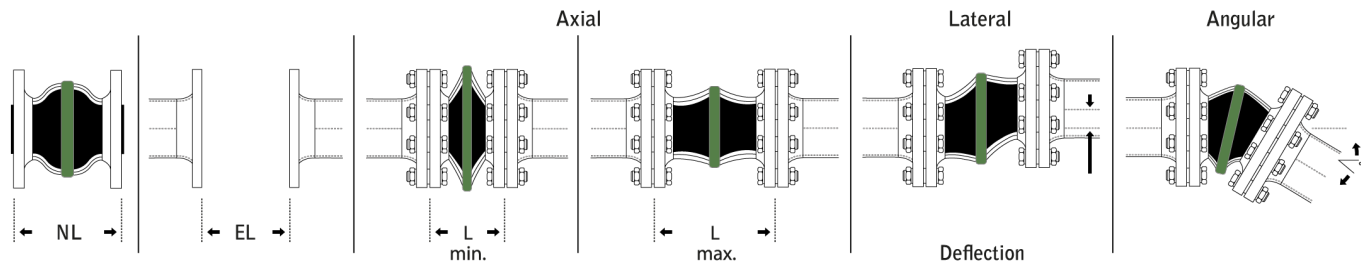


Technical description:

Liner : Hypalon (CSM), seamless, high abrasion resistant
 Reinforcement : Pa textile cord
 Cover : Hypalon (CSM)
 Marking : Green band, GR 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 |
| 200 | 350-600 | 190 | 210 | 160 | 235 | ± 30 | ±8 | 10 | 6 |
| 250 | 450 | 240 | 260 | 210 | 285 | ± 35 | ±10 | 10 | 6 |
| 260 | 700 | 250 | 270 | 220 | 290 | ±30 | ±5 | 10 | 6 |

For combined movements, consult Amnitec BV.

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