

Since the 1960s our renowned ERV expansion joints show a prominent, circulating coloured band marking on the rubber bellows.


These bands serve for a clear distinction of the rubber type of the bellows and the application for which they are suitable.

For many years there are imitation products being manufactured in Asia, in particular of our ERV-G 'Yellow Band' expansion joints with nitrile (NBR) lining – e. g. regarding our construction with standard length of 130 mm and swivelling flanges. What is new now is the imitation of our circulating yellow band. This similarity can be deceptive and leads to products becoming mixed up with our original ERV. We have been informed of premature failure, ageing cracks and poor resistance to fuels and aromatics. In several cases we received claims from customers unaware that it was only a lookalike product.

This situation led us to do our own tests on NBR bellows which are available on the market. The impressions of the users have been confirmed. Most are cheap imitations with yellow band marking showing inferior physical properties (e. g. adhesion of the layers, stiffness, resistance against ageing and fuels) when compared to ERV-G. Furthermore it has been determined that all tested lookalike bellows contained either DBP (Dibutyl Phthalate) or DOP (Diocetyl Phthalate). These are REACH non-compliant plasticisers and banned in Europe as they are potentially harmful to health.

Regretfully, these substandard expansion joints are offered as economical alternatives by some European market players which have previously been known to sell only quality products. Customers are mostly not being informed that it is not the known original ERV but a lookalike or substitute type with reduced media resistance and longevity.

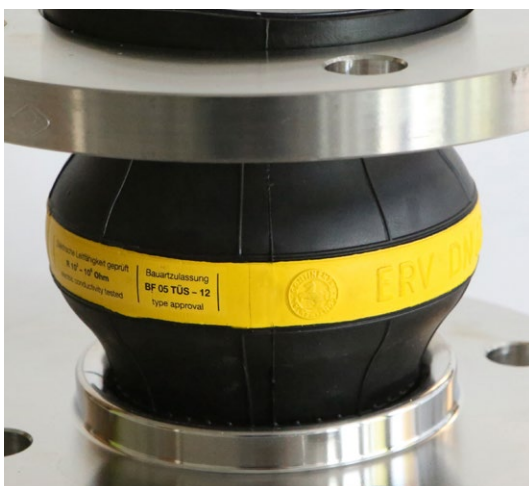
Quality and adherence to laws and standards have their price.


Please note: Original Elaflex expansion joints can be recognised by the type name "ERV" and the Elaflex rhombus  placed on the circulating coloured band, see overleaf.

If in doubt regarding origin or quality of bellows with a yellow band marking please contact the Elaflex sales team.



Original Elaflex 'ERV-G'




Marking with "ERV" and Elaflex rhombus  on the circulating coloured band.

Furthermore, for type ERV-G:
Information about the type approval.

NOT from Elaflex



Marking without "ERV" and Elaflex rhombus  on the circulating coloured band.

No information about the type approval.