

EGR-TUBE

EGR-TUBE is a tube that reduces nitrogen oxide (NO_x) in exhaust gas and increases fuel efficiency by recirculating a portion of the exhaust gas back into the air intake. USUI customizes the outer diameter, dimensions, form, and material properties of the tubing to suit the requirements of each customer.

EGR-TUBE

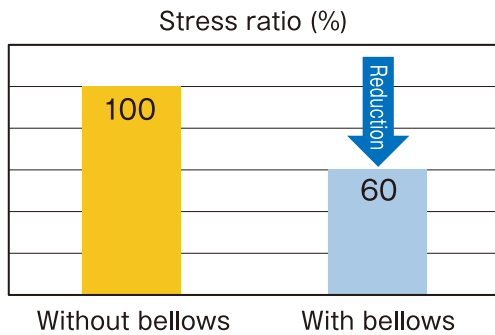
Features

- Stainless tube with excellent heat resistance and corrosion resistance.
- Austenitic stainless steel and ferritic stainless steels available.
- For the joint, we will meet customer requests such as flange brazing.
- Bellows process is also possible to improve seismic performance and reduce thermal strain.

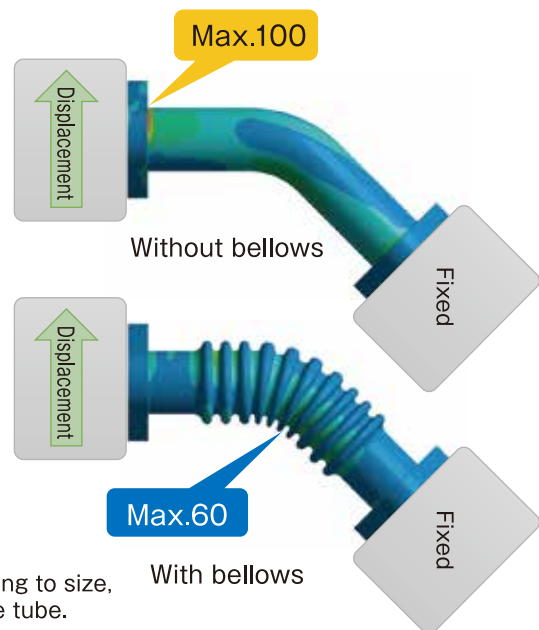
[Reference]

Stress reduction effect of tubing with bellows

Distribution and reduction of the stress following forced displacement of the mating part

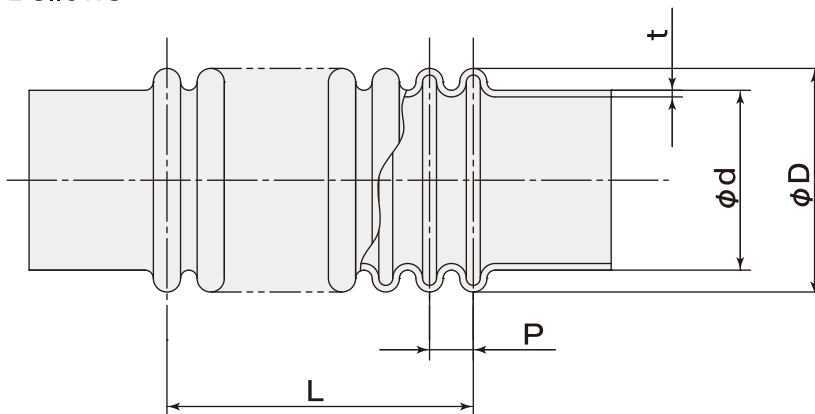


*The actual effect may vary according to size, form, or other characteristics of the tube.



Form

Bellows



ϕd : Original pipe diameter
 ϕD : Bellows external diameter
 P : Pitch
 t : Wall thickness
 L : Extended length

Please contact us for detailed dimensions.