

# *Heavy Wall Bellows*



Sealing for a Safer and Greener Tomorrow

[www.teadit-expansionjoints.com](http://www.teadit-expansionjoints.com)

# Heavy Wall Bellows



## Heavy Wall Bellows

These are typically used for applications on shell and tube heat exchangers, acid pipe lines or wherever thin walled bellows are not considered to be durable.

Teadit manufactures from various grades of steel plate in the 4mm to 16mm thickness range.

The heavy wall bellows can be manufactured in circular, square or rectangular shapes with various corner configurations. They are normally supplied without end connections as they are easily welded to customer fittings by relatively less experienced personnel.



Single or multiple convolutions can be manufactured and dependant on the design conditions they can be easily assembled to various end connections to form hinged, gimble or tied expansion joints.

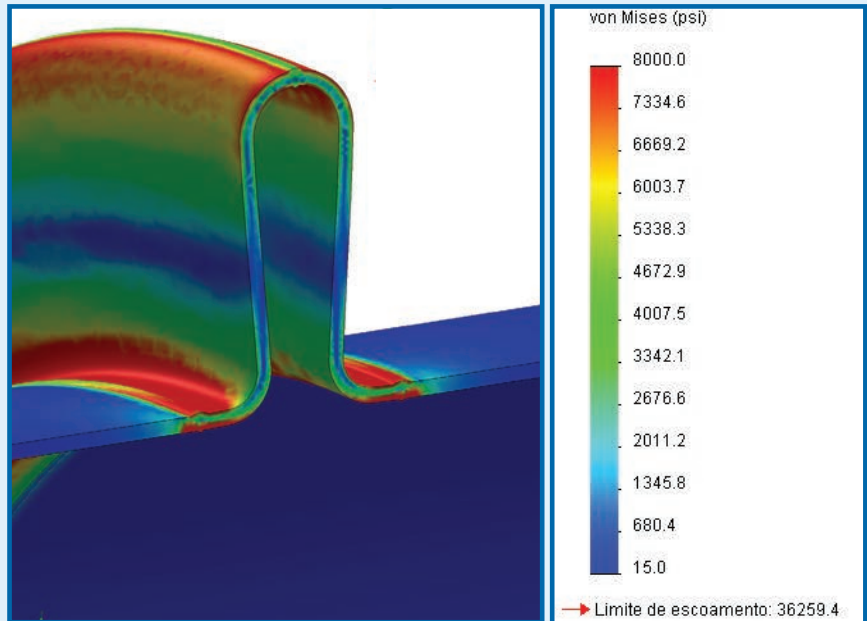
Heavy walled bellows are less susceptible to transport damage, installation damage and more robust during system start up.



## Design Technology

Teadit employs state of the art technology to design and develop their products. Advanced software systems allow for the creation of 3D models and combined with FEA analysis provides excellent bellows design and performance.

Our technology allows simulation of various operating conditions which provides complete assurance of the bellows design for the intended service conditions.



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Teadit is a global leader in the development and production of a broad range of sealing solutions. Our mission is to assist you in achieving leak-free and low-emission levels of performance.



The application parameters indicated in this brochure are typical. Specific applications should be looked at independently for an evaluation on compatibility. Please consult Teadit engineering for recommendations about specific use.

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