



## **Unlimited Possibilities**

**Expansion Joint Products** 



**US** Unrestrained Single



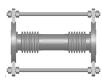
LS Limit Single



**HS** Hinged Single



**GS** Gimbaled Single



TU Tied Universal



**PBU** Pressure-Balanced, Elbow, Universal



EPS Externally Pressurized Single



TS Tied Single



SHS Slotted Hinged Single



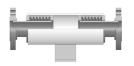
**UU** Unrestrained Universal



PBS Pressure-Balanced, Elbow Single



**PBI** Pressure-Balanced In-Line



EPD Externally Pressurized Dual





## **Specifications**

Size Range from 2 in. - 120 in. diameter pipe sizes (tube sizes also available). Single and multi-ply

## **Alloys**

- Stainless steels including T304, T304L, T309, T310, T321, T316, T316L
- Nickel alloys including 400, 600, 625, 625LCF, 800, 800H, Nickel 200, C276
- Other alloys are available upon request

Pressure from full vacuum to 3000 psi

Temperature range -450° F. to 2000° F.

## Designs

Pre-Engineered Expansion Joints are 15, 50, 150 or 300 psi bellows, stocked and ready for rapid shipment. Accounting for many basic expansion joint applications, pre-engineered designs include:

- Standard Bellows
- Unrestrained Single
- Limit Single

- Tied Single
- Unrestained Universal
- Tied Universal

Pre-Engineered expansion joints are available in sizes ranging from 2 in. - 30 in. and in 321 and 316 stainless steel.

Pre-Engineered expansion joints can be constructed using any type of end fitting or accessory. Standard accessories include stainless cover, single drop-in liner, single welded liner, or custom metal tags.

Custom-Designed Expansion Joints are available in an array of alloys and end fittings to suit any expansion joint application. Because of their many options, Custom-Designed expansion joints are designed to suit specific needs and are engineered through our Inside Sales Department.

Custom-Designed expansion joints are available in sizes ranging from 2 in. - 120 in. and all alloys (as listed above).

Custom-Designed expansion joints can be constructed using any type of end fittings or product options including:

- 321 stainless steel cover
- Single welded liner
- Telescoping welded liner
- Single drop-in liner
- Smooth transition/Full-flow liner
- Telescoping drop-in liner
- · Custom metal tag



GOODYEA

Rapid Deliveries - An aggressive material stocking program provides exceptional service with the best standard delivery time. Expedited next-day deliveries are available upon request.

**3-D CAD Drawings** - Available upon request with any inquiry.

Certifications - ABS, ASME VIII, ASME IX, B31.1, and B31.3 All expansion joints are designed and manufactured to EJMA standards.



HOSE MASTER Inc.

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ISO 9001 : 2000

We Ship **World Wide**