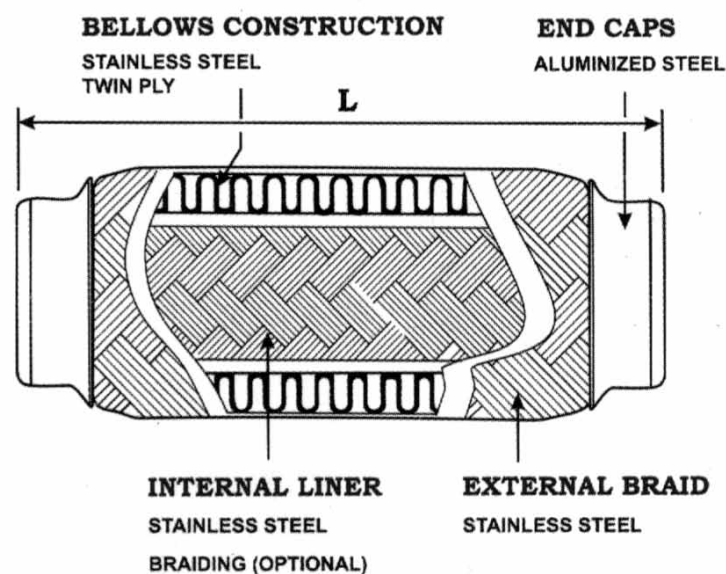


# Automotive Exhaust Vibration and Noise Control

Most new front-wheel drive (FWD) engines are transversely mounted for compact packaging. The engine orientation transmits considerable vibration and noise to the external system, because the engine motion is perpendicular to the tailpipe. The best way to isolate and dampen noisy exhaust systems is the use of a flexible bellow.

## Meeting the Application Challenge

The typical automotive exhaust system today runs very hot and encounters an extremely corrosive and hostile environment. What's more, the range of motion between a softly mounted engine and tailpipe can be dramatic. Engineering an exhaust bellow demands careful attention and chassis dynamics to ensure long life durability.



## Features

Excellent vibration and durability characteristics! Jachris' flexible bellow technology absorbs rocking motion and isolates vibration from the rest of the system, resulting in a noise- and vibration-free environment for passengers within the car interior.

- Bellows are flexible for easier installation than rigidly mounted exhaust pipe – resulting in easy parts alignment
- Wide variety of standard mounting flange styles available
- Bellows can be supplied with or without fittings for welded-in mounting
- Inside diameters from 25mm to 100mm
- Wall thickness from 0.25mm to 0.5mm
- Multiple ply construction available provides longer life and greater durability