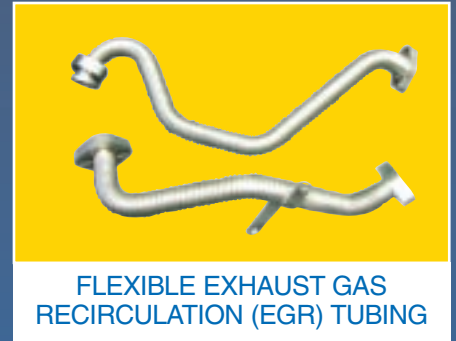
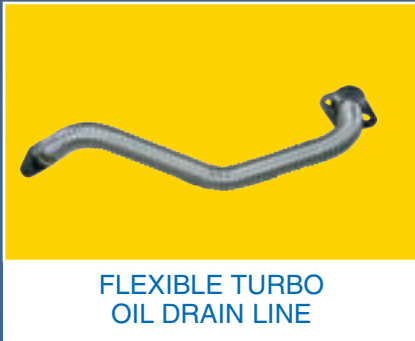


## Design-Engineered Solutions for OEM Flexible Metal Applications

For original equipment manufacturers of heavy-duty engines and construction equipment, Flexible Metal, Inc. serves as a valuable engineering extension for the design and manufacture of fabricated flexible metal products.

- FMI follows Advanced Product Quality Planning (APQP) principles in all OEM design projects
- FMI designs and develops flexible metal systems including:
 

Turbo oil drain lines	Turbo exhaust lines
Exhaust Gas Recirculation (EGR) tubes	Engine exhaust lines
	Bellows
- FMI offers rapid prototyping capabilities and 3-D modeling expertise
- FMI adheres to PPAP (Production Part Approval Process) / First Article Inspection



### Advantages of Flexible Metal Design vs. Rigid Design

- Ease of installation where tolerance stack-ups create misalignment
- Elimination of fatigue failures related to mechanical vibration
- Vibration isolation for reduction of stresses on adjacent components
- Compensation for thermal expansion in repeating temperature cycles

FMI acknowledges that every OEM application requires a unique design that cannot be found in a product catalog. For customized engineering support, contact FMI at:

**1-800-359-4673**