

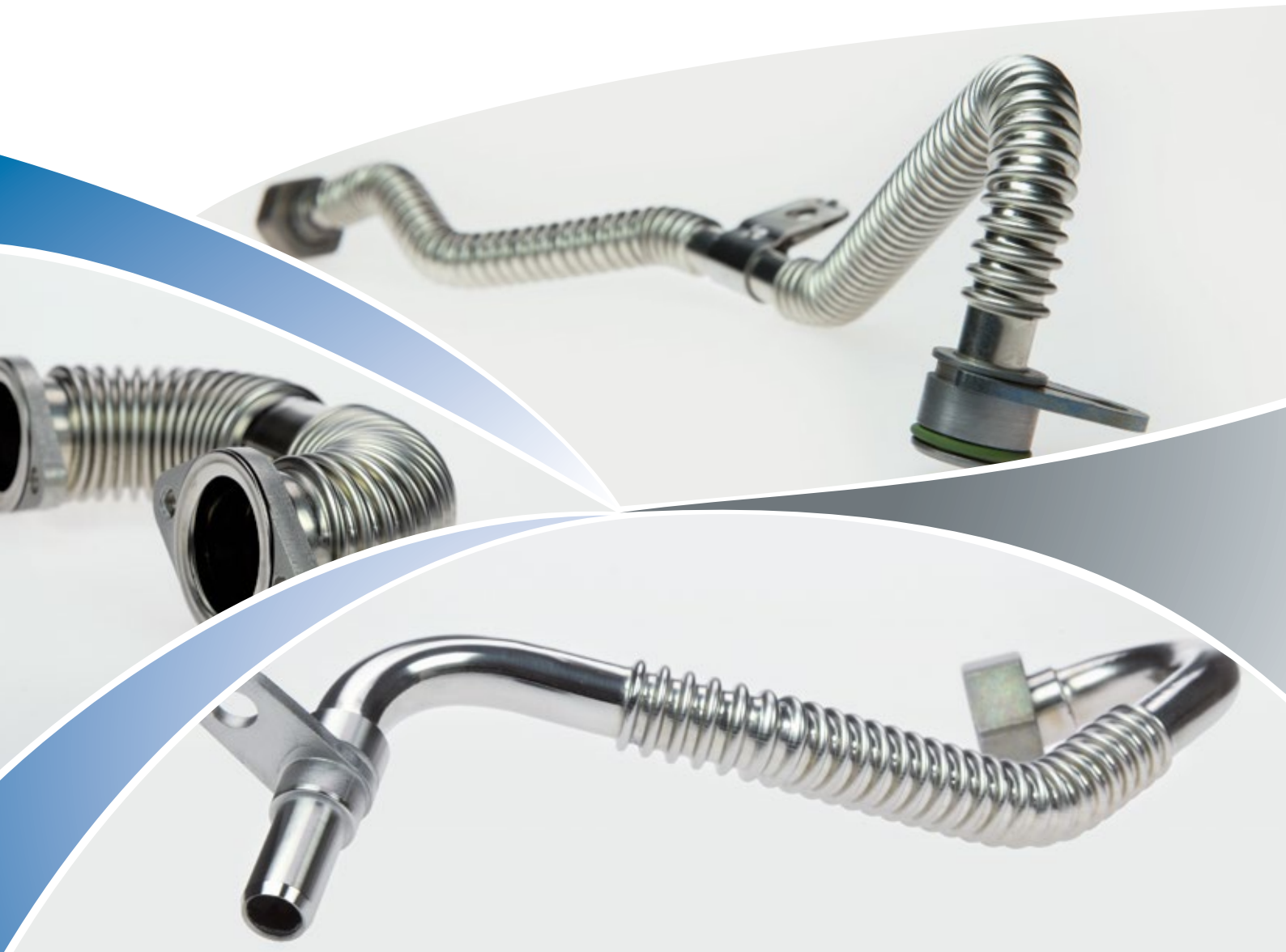
high
performance
in motion

senior
FLEXONICS

Industrial Engineering || **Land Vehicles and Engines** || Power Generation || HVAC

Flexible Fluid Transfer Tubes for Commercial Vehicles and Off-Highway Applications

The single or double-layer metal tubes are technically absolutely gastight.
They decouple movements and vibrations and compensate assembly tolerances
as well as thermal expansions.



Flexible Fluid Transfer Tubes for Commercial Vehicles and Off-Highway Applications

Applications

- Hot and/or cold EGR
- TC oil drain
- TC oil feed
- Coolant pipes

Benefits

Product and Design

- Customized design as per technical requirements
- Standard material stainless steel 1.4541 (similar to AISI 321) up to high grade heat resistant material as stainless steel 1.4828 (similar to AISI 309)
- Non-corrugated sections for pressure drop reduction and better flow characteristics

Optional Components

- Customized heat protection to keep exhaust temperature and to protect the surrounding components

In-house Capabilities

- Large existing tooling equipment for different diameters (NB 8 up to NB 100)
- Different simulation methods like fatigue analysis and damage calculation
- Road load data acquisition (RLDA)
- Various validation rigs for testing based on customer data



Senior Flexionics GmbH

Frankfurter Str. 199 | 34121 Kassel | Germany
Tel.: +49 561 2002-0 | www.seniorflexionics.de