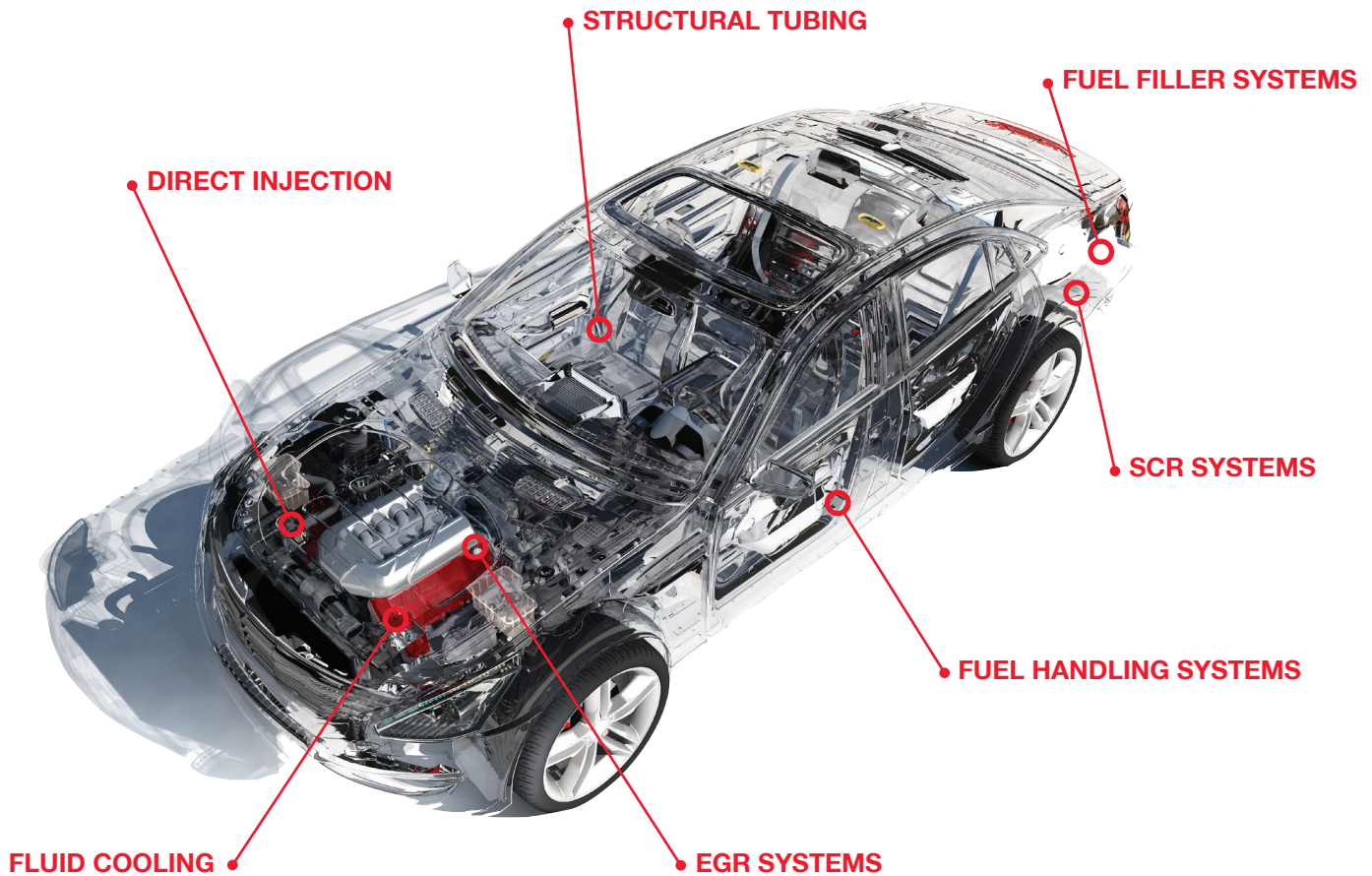
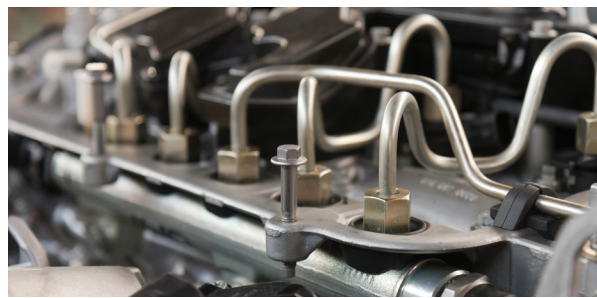
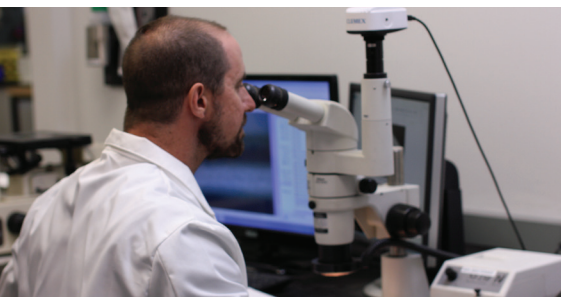


# AUTOMOTIVE TUBING SOLUTIONS



## FEATURES

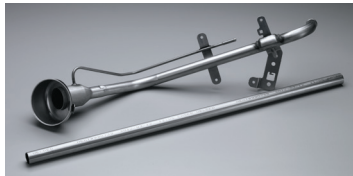
- Certified to ISO/TS16949
- Corrosion and heat resistant tube & pipe
- Cold drawn tube
- Small diameter tube
- Shapes & profiles



## AUTOMOTIVE TUBING SOLUTIONS

### CORROSION AND HEAT RESISTANT TUBE & PIPE

Samuel ATG manufactures welded and welded-and-drawn tube in over fifty (50) grades of stainless steel.



Our products are suited for corrosive environments where high pressure and high temperatures challenge material integrity such as fuel filler tubes, SCR, EGR, cooling systems, etc. These products are available in:

- TIG
- Plasma
- Laser welded
- Cold-drawn configurations
- Bright annealed
- Annealed and pickled

Products are available in sizes 3/16" (4.7 mm) to 6" (152.4 mm) and also in many ISO-EN, and JIS sizes; in lengths up to 100 feet (30.5 m).

### COLD DRAWN TUBE

Samuel ATG has the capability to manufacture cold-drawn tube to precise tolerances and high quality surface finishes in light and heavy wall configurations.



We can produce cold-drawn round tube or shapes and profiles. Cold-drawn tubes provide reliability and precision required in high pressure applications such as in direct injection systems.

- Options such as bright annealing, special tempers, polishing, honing, cutting, end-finishing, and cleaning are available in lengths up to 51 feet (15.5 m)
- Product can be produced by reduction over a plug, mandrel or through a die with smooth ID surface finishes and the tightest of tolerances
- Our stainless steel tubes can be cold-drawn over other materials such as carbon-steel, for strength, cost reduction or engineering considerations

### SMALL DIAMETER TUBE

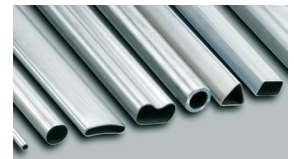
Accredited to ISO/TS 16949, Samuel ATG has over thirty years of experience in the manufacture of small diameter sizes for the automotive industry, 3/16" (4.7 mm) to 3/4" (19 mm) OD in many stainless steel alloys.



- Samuel ATG provides a bright annealed, OD conditioned product, that is continuously laser micrometer and eddy-current tested in-line
- The product has a precise OD and consistent mechanical properties making it highly desirable for fabrication, or applications where no OD leak paths can be tolerated such as fuel delivery systems

### SHAPES & PROFILES

Samuel ATG has extensive expertise in the manufacture of non-round shapes and profiles for the automotive industry. Shapes and profiles represent unique challenges in dimensional tolerances, mechanical properties, tooling, testing, and manufacturing processes.



Optimal turnaround of prototypes minimizing tooling costs can be facilitated utilizing our cold-drawing capabilities.

Samuel ATG can provide a full range of added value options such as

- Cutting
- End-finishing
- Bright annealing
- Weld cold-working
- In-line non-destructive testing
- Real-time vision inspection
- Cleaning

Significant cost reduction can be realized when our new product development team participates in customers' process and design development.

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**We invite you to experience the Samuel advantage at our Centers of Excellence in Canada, U.S. and Mexico**

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