

EJ Automotive

An Eldon James Company



EJ Automotive an Eldon James company, is an innovative, world class manufacturer and has been a global supplier of proprietary and customized tubing and connection solutions for over 32 years. We specialize in PVC-free tubing, connectors and quick disconnect fittings designed for fluid routing and vacuum systems for automotive, transportation, and industrial applications.

The company offers engineering/design PPAP capabilities, and partners in developing special connection and tubing applications and private-labeled products.

We offer contract manufacturing opportunities with a portfolio of capabilities that include: extrusion, injection molding, formed tubing and assembly. Our quality certifications include ISO 9001 and ISO 13485. Eldon James is a women owned company and all manufactured products are made in the USA.

- Serving the automotive and transportation industries since 1987.
- Established automotive industry quality supplier
- State-of-the-art production equipment and automation
- Modular molding systems allow competitive pricing
- S7 heat treated steel tooling components
- Eldon James 'Single Barb' fittings and tubing are manufactured in the USA
- 6000+ hose fitting, material/design combinations
- 350+ tubing type and size combinations
- WBEC certified (Woman Owned Enterprise)



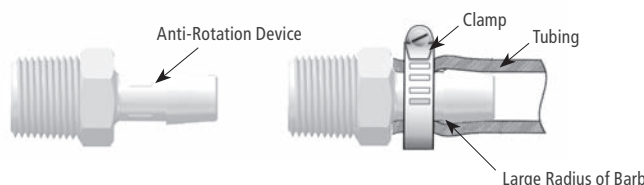
Our commitment to quality and innovation has allowed us to grow with leading edge products for the automotive and transportation market:

- Biofuel compatible tubing and fittings which meet automotive standard approvals
- Black nylon and glass filled black nylon fittings for heater and fuel lines
- Fittings that are high impact and chemical resistant
- Stainless Steel MIM Fittings
- Various fitting kits to assure that you have the right part on hand
- A proven history of use in industrial and transportation markets

SeriesLock™
CHANGING THE WAY YOU CONNECT



Patent - www.SeriesLock.com



EJ Automotive carries stainless steel Oetiker stepless ear, worm-drive clamps and Ideal hex screw clamps. A wide range of nylon plastic handy clamps are also available.

GM GMP.PA66.062(N)
 Ford (ESA-M4D379-A&B)
 WSK-M4D666-A
 DCX DB41 CPN2565
 Delphi DCM5150
 Other Approvals: SAEJ1639PA0172
 ASTM D4066 PA0181

GM..... GMP.PA66.013
Ford..... WSK-M4D663-A
Other Approvals: ASTM PA12G35

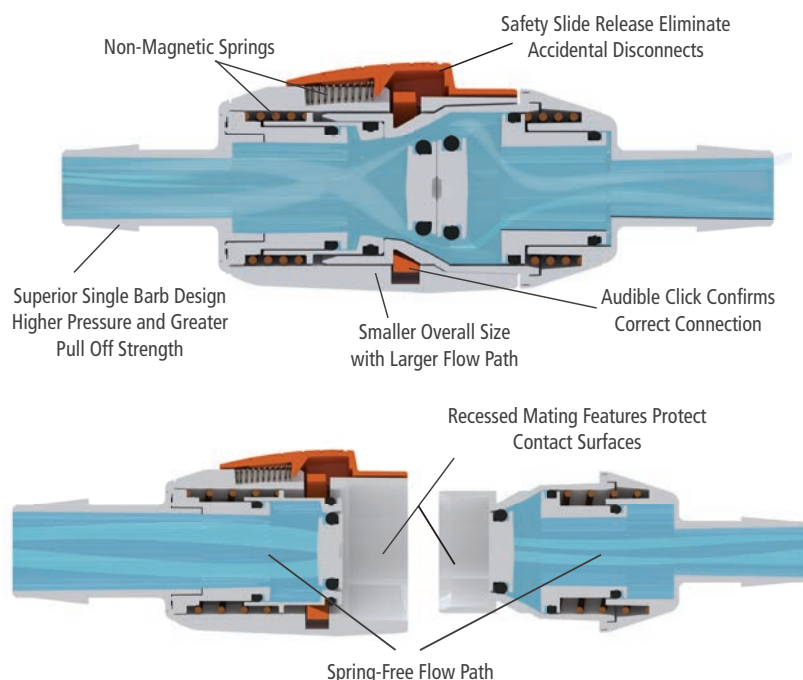
- Reduced space requirements
- Less assembly time
- Fewer fittings

SeriesLock™

CHANGING THE WAY YOU CONNECT



SeriesLock is a new, innovative, quick-connect coupler that allows a larger volume of fluid or air to pass through at lower line pressures. Male valve assemblies include a vented spring chamber that helps eliminate fluid cross over. Recessed mating features protect contact surfaces and prolong the life of the O-rings helping to ensure a better seal for longer. The audible click upon connection and the safety slide release are both features to help minimize accidental disconnects.



Four different body sizes are available to accommodate tubing sizes ranging from 1/16" ID to 3/4" ID Tubing. Fittings are available in a variety of materials and with multiple configurable options: UNEF Threaded Panel Mount, NPT Threaded Adapter, Barb Coupler, and Sanitary Flange.



SeriesLock™
Micro-Connect



Patent - www.SeriesLock.com

CONNECTIONS:

1/16" to 3/4" Tubing

MATERIALS:

Main Body Components:

Acetal (AC)
Glass Filled Black Nylon (GFBN) Option
Polypropylene (PP)
Polyvinylidene fluoride (PVDF) Option
Polysulfone (PS)

Slide Button / Main Latch:

Co-Polyester

Slide Button / Main Latch Color:

Orange - Default Red - Option
Natural - Option Blue - Option

Springs:

Stainless
Non-Magnetic Option

Seals:

Buna-N
EPDM, Silicone and Viton Options

LUBRICANTS:

PFPE (biocompatible, inert)

PRESSURE:

Vacuum to 90psi, 6.2 bar

TEMPERATURE [continuous] :

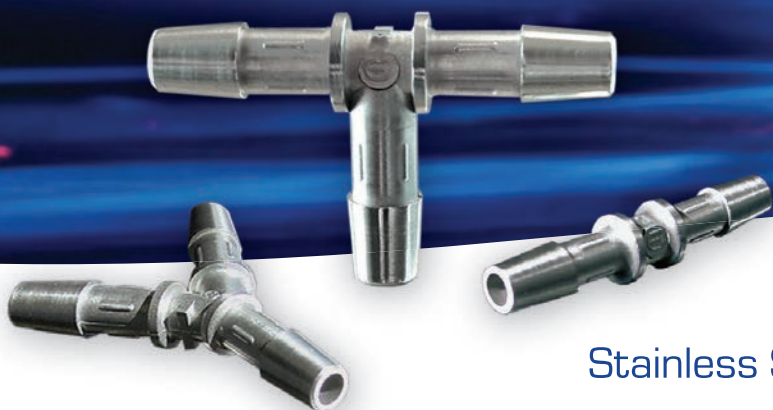
AC: 32°F to 180°F (0°C to 82°C)
GFBN: 32°F to 450°F (0°C to 232°C)
PP: 32°F to 160°F (0°C to 71°C)
PVDF: 32°F to 250°F (0°C to 121°C)
PS: -40°F to 282°F (-40°C to 139°C)

SPILLAGE [at rated pressures] :

Small Housing (1/8" to 3/16" Tubing)
<0.05cc per disconnect

Medium Housing (1/4" to 3/8" Tubing)
<0.05cc per disconnect

Large Housing (1/2" to 3/4" Tubing)
<0.1 cc per disconnect



Stainless Steel

Modern design combined with state-of-the-art metallurgy has enabled EJ Automotive to offer MIM (Metal Injection Molded) fittings in seamless configurations impossible to produce with welded fabrication. In addition, our molybdenum bearing, austenitic 316L stainless steel products are far more resistant to pitting and corrosion than those built using welded 304 stainless steel construction.

All 316L Stainless Steel range of products are manufactured to meet the chemical and mechanical property specifications of ASTM A240 and ASME SA-240 and are sintered to material specifications of ASTM B 883-97.



Connector Kits

EJ Automotive connector kits offer a convenient parts source for product designers, technicians, and laboratories. Available in biofuel compatible and standard automotive approved materials. Kits save time by providing a visual reference for part selection and ready access to a variety of fittings sizes.

Biofuels kit fittings are made from PVDF (Polyvinylidene Fluoride) Kynar®, which is resistant to the organic acids present in most biofuels. The fittings are compatible with E-85 ethanol and other flex-fuels, as well as, biodiesel and algae produced fuels.

Specification: The working temperature range of Kynar is -80 °F to 226 °F and rated pressure is 260 psi @ 70 °F.

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WWW.ELDONJAMES.COM

