



On the Move

New approaches, new solutions
in fluid conveyance

aerospace
climate control
electromechanical
filtration
fluid & gas handling
hydraulics
pneumatics
process control
sealing & shielding



ENGINEERING YOUR SUCCESS.

The shortest distance between provider and

Looking for a fluid conveyance supplier who connects with you on more than one level? Look no further than Parker Aerospace's Stratoflex Products Division.

Besides offering you the broadest array of fluid conveyance products and systems available from a single source, Parker Stratoflex is moving ahead with a new approach to the business of flight. Providing you with the shortened lead times, lower costs, and shared risk you'd expect from a partner.

System by system and program by program, our connections are adding real value.

OUR APPROACH TO YOUR APPLICATIONS? FLUID.

One of the advantages of having the broadest line of fluid conveyance components is the variety of systems we can create with them.

From fuel distribution and fuel inerting systems to hydraulic systems, engine interfaces, and coolant connections, our world-class fluid conveyance systems can be found on commercial and military aerospace vehicles with both off-the-shelf and custom-built applications.

HOW DO WE CREATE SYSTEM ADVANTAGE? RAPIDLY.

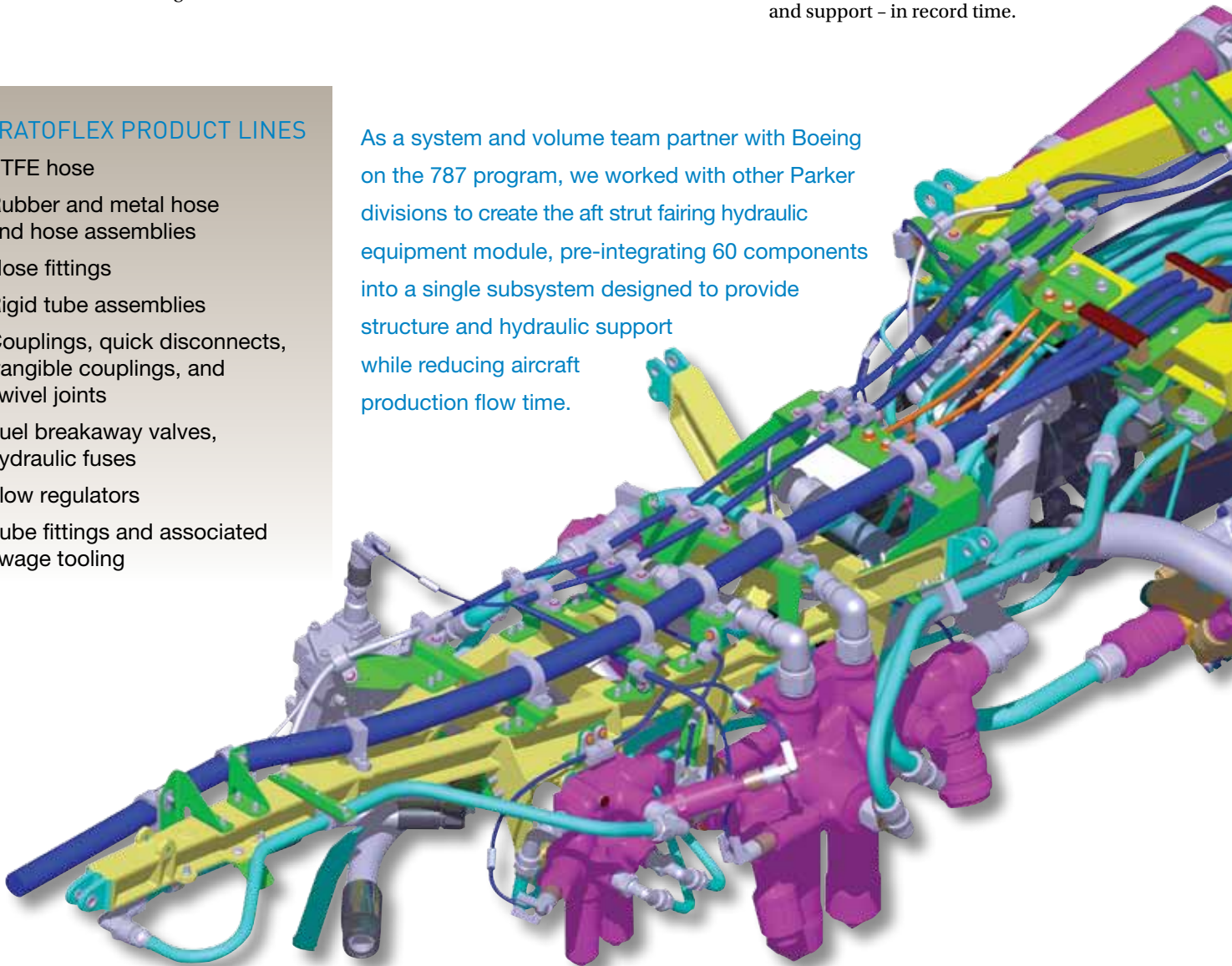
With over 40 years of experience, our engineers are experts in component, tube, hose, fluid, and air system design. What's more, our ability to team with other Parker divisions allows us to offer our customers integrated systems for fuel, hydraulic, and pneumatic distribution.

Our one-stop system integration capability means we can handle it all, moving from definition and design – through manufacturing, integration, certification, and support – in record time.

STRATOFLEX PRODUCT LINES

- PTFE hose
- Rubber and metal hose and hose assemblies
- Hose fittings
- Rigid tube assemblies
- Couplings, quick disconnects, frangible couplings, and swivel joints
- Fuel breakaway valves, hydraulic fuses
- Flow regulators
- Tube fittings and associated swage tooling

As a system and volume team partner with Boeing on the 787 program, we worked with other Parker divisions to create the aft strut fairing hydraulic equipment module, pre-integrating 60 components into a single subsystem designed to provide structure and hydraulic support while reducing aircraft production flow time.



partner? Parker Stratoflex.

Highly resistive unions

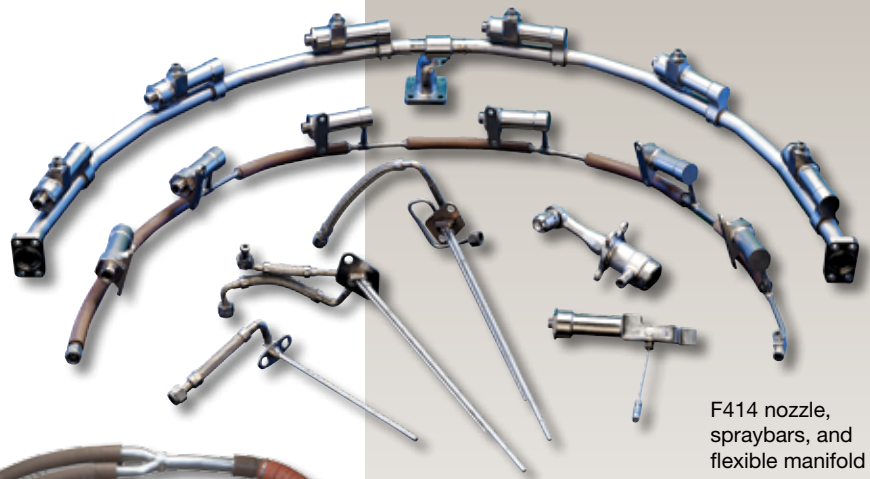
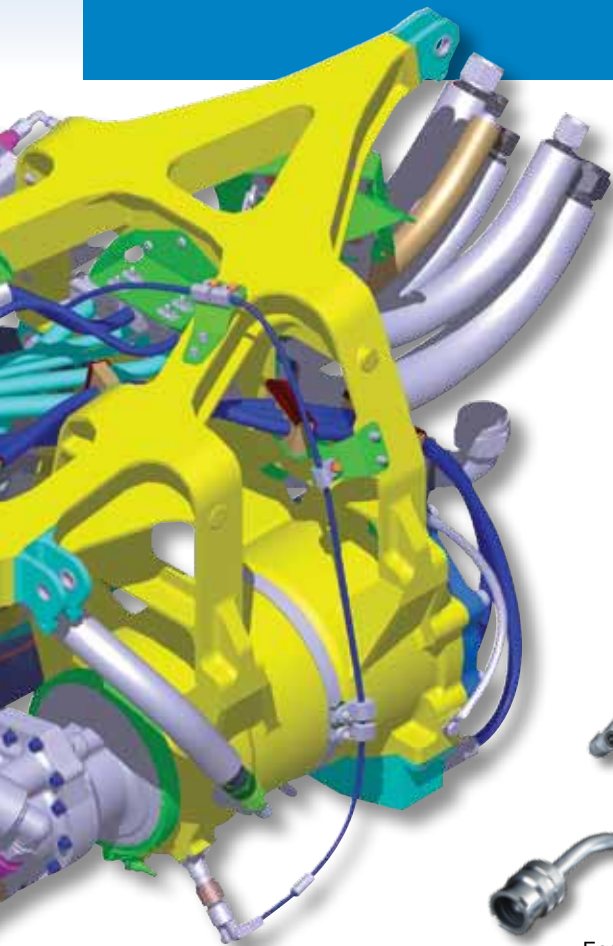
Taking the charge out of atmospheric electricity.

With increased use of composite materials in aircraft design, Stratoflex's highly resistive unions (HRUs) are an important innovation. The insulated tubing dissipates the static charge caused in part by the indirect effects of lightning strikes, ensuring the safe passage of hydraulic fluid through a fuel tank or other areas.



Our most recent systems work includes:

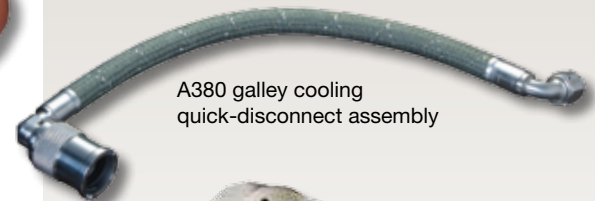
- **Airbus A350:** Supplemental cooling system; main landing gear hydraulic fluid conveyance, quick disconnects, fuses, hoses, HRUs.
- **Boeing 787 Dreamliner:** Fluid conveyance system design for the aft strut fairing module, and sole flex-tube fluid conveyance supplier for the General Electric GENx engine.
- **Pratt & Whitney F135:** Flex tube fluid conveyance system provider for the F-35 Lightning II engine.
- **Rolls-Royce:** Trent XWB engine build-up hydraulics fluid conveyance; Trent 1000 and XWB, and BR725 high-temperature flex hoses.



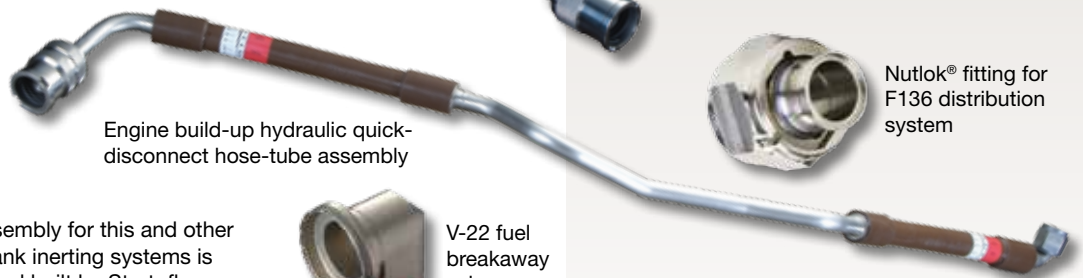
F414 nozzle, spraybars, and flexible manifold



GP7200 fluid distribution system



A380 galley cooling quick-disconnect assembly



Engine build-up hydraulic quick-disconnect hose-tube assembly



Nutlok® fitting for F136 distribution system



The hose assembly for this and other Parker fuel tank inerting systems is engineered and built by Stratoflex.



V-22 fuel breakaway valve

Want to connect? Call us at (817) 738-6543, or visit www.parker.com/stratoflex to learn more or find a distributor.



**Division Headquarters:
Fort Worth, Texas**

Hose and rigid tube assemblies, tube fittings, and specialty fuel manifolds

220 Roberts Cut-Off Road
Fort Worth, Texas 76114 USA
phone 817 738 6543
fax 817 738 9920



Camarillo, California

Quick disconnects, high-pressure swivel joints, fuel breakaway valves, and advanced space quick disconnects

3800 Calle Tecate
Camarillo, California 93012 USA
phone 805 484 8533
fax 805 987 8958



Jacksonville, Florida

Swaged hydraulic tube fittings, lockwireless self-locking nuts, PTFE hose assemblies

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Jacksonville, Florida 32254 USA
phone 904 389 3400
fax 904 384 5874



Monterrey, Mexico

Hose and rigid tube assemblies, specialty fuel manifolds, fixture products, swaging, and machining

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