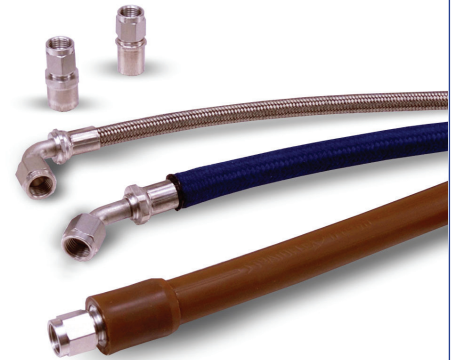


PTFE Hose Assemblies

Parker Aerospace Stratoflex Products Division's medium- and high-pressure PTFE hose assemblies are designed for reliable fuel, oil, and hydraulic fluid conveyance in even the most demanding aerospace systems.

Aerospace fluid systems demand hose assemblies that perform well under pressure and provide years of reliable service. Our PTFE hose assemblies are constructed with seamless, smooth-bore inner tubes for maximum flow and include a thin layer of carbon to eliminate static charge buildup. Braided with stainless steel for durability and wear resistance, Stratoflex Products PTFE materials are designed to withstand all aircraft fuel, oil, coolants, and solvents. In addition, they feature an unlimited shelf life. Backed by years of aerospace engineering experience and design capabilities, our PTFE hoses will provide the performance you need with the reliability you expect.

With decades of engineering design and testing experience at our fingertips — in addition to having one of the largest on-site engineering teams in the aerospace industry — the Stratoflex Products Division can give your fluid conveyance system a custom, competitive edge. From custom components to fully integrated systems, our engineering resources are available to design and create the perfect solution for your needs



Product Performance

The Stratoflex Products Division has one of only a few FAA-qualified fire test labs in the United States, giving our engineers unparalleled access and flexibility to design and fully fire test our products to the most stringent customer and regulatory requirements.

PTFE hose assemblies are available with both slip-over and integral fire sleeves. The integral fire sleeve is designed with smaller envelope dimensions than conventional slip-over sleeves for greater versatility in tight spaces, and offers superior vibration dampening compared to non-integral products. With the integral fire sleeve, wicking and contamination are prevented because the hose is completely contained within the sleeve.

Applications

This next-generation PTFE hose has four times greater abrasion resistance when compared to similar polyester covered products. The 191 hose series' innovative corrosion and contamination barrier provides superior protection in harsh environments, while offering a lightweight construction. Non-aging materials are reinforced with metal braiding, and an integral Cordura cover is added for exceptional abrasion resistance.

Optional Features

PTFE hoses are available in many configurations to suit your needs:

- Flared or flareless fitting ends
- Working pressures up to 5,080 psi
- Most hose assemblies are available with FAA, TSO, c53a, C75, AS, and ABS approvals
- Available with integral and slip-over fire sleeves
- Available with multiple fitting options, including beam seal
 - Straight
 - 45-degree elbow
 - 90-degree elbow
 - Any combination of straight, 45-, and 90-degree elbows

Specifications

Attributes	Values
Meets industry standards	Each assembly meets industry specs based on configuration
Maximum fluid temperature (F)	Up to 450° Fahrenheit
Hose type	Various hose types
Maximum bend radius (inch)	Most ratings from 0.75- up to 12-inches
Weight (lbs/in)	Most ranging from .0066 lbs/inch up to .1080 lbs/inch

Contact Information

Parker Hannifin Corporation
 Parker Aerospace
Stratoflex Products Division
 220 Roberts Cut-Off Road
 Fort Worth, Texas 76114-0398
 Phone: (817) 738-6543
 Fax: (817) 738-9920
www.parker.com