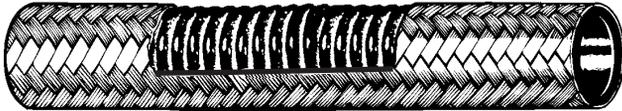




# Stratoflex

## 3190 Hose with Teflon® PTFE

Catalog 106-3190  
September 2001



Stratoflex 3190 polytetrafluoroethylene (PTFE) hose offers a lightweight design with a significantly smaller bend radius than similar smooth bore PTFE hoses. The convoluted PTFE inner liner is compatible with most fluids and gases (some effusion may occur) and the hose assembly has a -65° to +275°F (-54 to +135°C) operating temperature range.

### SPECIFICATIONS:

Hose similar to the requirements of AS1227, except high temperature limits and reinforcement type.

### CONSTRUCTION:

**Tube** - Seamless extruded, convoluted, conductive PTFE.

**Cover** - Blue polyester braid.

### IDENTIFICATION:

Stratoflex identification and part number.

### APPLICATION:

Low pressure, low temperature aerospace systems.

### TEMPERATURE RANGE:

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#	Hose Size	Minimum	Maximum		Proof Pressure (PSI)**	 Min. @ 70°F		 lb/in Nominal
3190-4	-4	.270	.560	300	600	1200	.50	.0047
3190-6	-6	.355	.680	300	600	1200	.75	.0063
3190-8	-8	.510	.860	250	500	1000	1.00	.0085
3190-10	-10	.600	.955	250	500	1000	1.50	.0115
3190-12	-12	.765	1.115	250	500	1000	2.00	.0158
3190-16	-16	.970	1.425	250	500	1000	3.00	.0190
3190-20	-20	1.220	1.780	150	300	600	4.00	.0304
3190-24	-24	1.480	2.050	120	240	500	5.00	.0320
3190-32	-32	1.940	2.610	100	200	300	6.00	.0380

\*\* Proof test for qualification only. Hose assembly production proof test will be at operating pressure in order to minimize pressure induced elongation.

CONTACT STRATOFLEX FOR FURTHER INFORMATION AND OUR SAFETY GUIDE.

*The World Standard*



Parker Hannifin Corporation  
Stratoflex Products Division  
Fort Worth, Texas

# DANGER

FAILURE OR IMPROPER SELECTION OR IMPROPER USE OF THE PRODUCTS AND/OR SYSTEMS DESCRIBED HEREIN OR RELATED ITEMS CAN CAUSE DEATH, PERSONAL INJURY AND PROPERTY DAMAGE.

Before selecting or using any Parker hose or fittings or related accessories, it is important that you read and follow Parker Safety Guide for Selecting and Using Hoses, Fittings, and Related Accessories (Parker Publication No. 106-SG)

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## ***Stratoflex Products Division Sales Offices***

### **Stratoflex Products Division**

Parker Hannifin Corporation  
220 Roberts Cut-Off Road  
Fort Worth, Texas 76114 U.S.A.  
Phone: (817) 738-6543  
Fax: (817) 738-9920

### **Stratoflex Products Division,**

Couplings Business Unit  
Parker Hannifin Corporation  
3800 Calle Tecate  
Camarillo, CA 93012 U.S.A.  
Phone: (805) 484-8533  
Fax: (805) 987-8958

**Website:** [www.parker.com/stratoflex](http://www.parker.com/stratoflex)