



Stratoflex

3192 Hose with Teflon® PTFE Hose

Catalog 106-3192
September 2001



Stratoflex 3192 polytetrafluoroethylene (PTFE) hose offers a lightweight, fire retardant 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 pressure range.

SPECIFICATIONS:

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

CONSTRUCTION:

Tube - Seamless extruded, convoluted, conductive PTFE.

Cover - Green or black Nomex® braid.

IDENTIFICATION:

Stratoflex identification and part number.

APPLICATION:

Low pressure, low temperature aerospace systems that may require a flame retardant hose. Qualified to FAR 25.853 a) and b) vertical burn test.

TEMPERATURE RANGE:

-65 to +275°F (-54 to + 135°C)

Teflon® and Nomex® are registered trademarks of E.I. du Pont Nemours and Company. Teflon® is used under license by Parker Hannifin Corporation, Stratoflex Products Division.

#	Hose Size	 Minimum	 Maximum		Proof Pressure (PSI)**	 Min. @ 70°F		 LBS lb/in Nominal
3192-4	-4	.270	.560	300	600	1200	.50	.0047
3192-6	-6	.355	.680	300	600	1200	.75	.0063
3192-8	-8	.510	.860	250	500	1000	1.00	.0085
3192-10	-10	.600	.955	250	500	1000	1.50	.0115
3192-12	-12	.765	1.115	200	400	1000	2.00	.0158

** 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)

This document and other information from Parker Hannifin Corporation, its subsidiaries and authorized distributors, provide product and/or system options for further investigation by users having technical expertise. It is important that you analyze all aspects of your application and review the information concerning the product or system in the current product catalog. Due to the variety of operating conditions and applications for these products or systems, the user, through its own analysis and testing, is solely responsible for making the final selection of the products and systems and assuring that all performance, safety and warning requirements of the application are met.

The products described herein, including without limitation, product features, specifications, designs, availability and pricing, are subject to change by Parker Hannifin Corporation and its subsidiaries at any time without notice.

Offer of Sale

The items described in this document are hereby offered for sale by Parker Hannifin Corporation, its subsidiaries or its authorized distributors. This offer and its acceptance are governed by the provisions in the "Offer of Sale".

© 2001 Parker Hannifin Corporation

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

