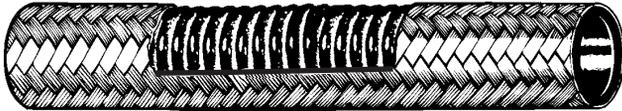




Stratoflex

3191 Hose with Teflon® PTFE

Catalog 106-3191
September 2001



Stratoflex 3191 polytetrafluoroethylene (PTFE) hose offers a lightweight design with a significantly smaller bend radius than similar smooth bore PTFE hoses. 3191 features interwoven aluminum static wires for fitting to fitting electrical continuity. 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 pressure limits and reinforcement type.

CONSTRUCTION:

Tube - Seamless extruded, convoluted, conductive PTFE.

Cover - Blue polyester braid with aluminum static wires.

IDENTIFICATION:

Stratoflex identification and part number.

APPLICATION:

Low pressure, low temperature aerospace systems where electrical continuity between terminations is necessary.

TEMPERATURE RANGE:

-65 to +275°F (-54 to + 135°C)

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#	Hose Size	 Minimum	 Maximum		Proof Pressure (PSI)**	 Min. @ 70°F		 LBS lb/in Nominal	Hose Resistance mΩ/ IN.
3191-4	-4	.270	.560	300	600	1200	.50	.0055	****
3191-6	-6	.355	.680	300	600	1200	.75	.0077	****
3191-8	-8	.510	.860	250	500	1000	1.00	.0100	2.2
3191-10	-10	.600	.955	250	500	1000	1.50	.0125	2.3
3191-12	-12	.765	1.115	250	500	1000	2.00	.0165	****
3191-16	-16	.970	1.425	250	500	1000	3.00	.0220	1.8
3191-20	-20	1.220	1.780	150	300	600	4.00	.0310	2.0
3191-24	-24	1.480	2.050	120	240	500	5.00	.0340	1.7

** Proof test for qualification only. Hose assembly production proof test will be at operating pressure shown to minimize pressure induced hose elongation or wire breakage.

**** No available data.

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

