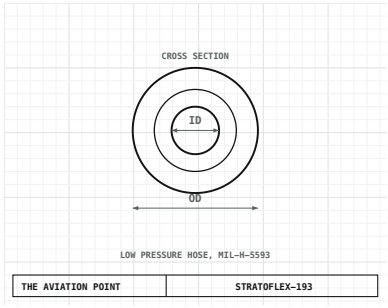
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STRATOFLEX-193 — low pressure hose, MIL-H-5593

Stratoflex 193 Low Pressure Hose (MIL-H-5593) and 193000 Assemblies: dimensions by dash size and part numbers, as listed in a distributor catalogue.



STRATOFLEX-193



Engineering drawing · dimensions in inches

Specification

Item	Value
Type	Hose
Status	Check the current issue of the standard before design use.

Dimensions by size

Dimension, in	-2	-3	-4	-6	-8	-10
ID — Inside dia.	.125	.188	.250	.375	.500	.625
OD — Outside dia.	.350	.410	.480	.600	.750	.870
P — Nominal pressure, psi	300	250	200	150	150	150
FF — Hose fitting	311-2D	311-3D	311-4D	311-6D	311-8D	311-10D
AS — Assembly part no.	193000-2D-L	193000-3D-L	193000-4D-L	193000-6D-L	193000-8D-L	193000-10D-L
BR — Min. bend radius, in	2.00	2.00	4.00	4.00	6.00	6.00
TH — Fitting thread	.3125-24	.375-24	.4375-20	.5625-18	.750-16	.875-14

Dimensions in inches as tabulated in the catalogue listing; the standard governs. Blank cells: not stated in the listing.

Part numbers

Part no.	Size	Inside dia., in	Outside dia., in	Nominal pressure, psi	Hose fitting
193-2	.125	.125	.350	300	311-2D
193-3	.188	.188	.410	250	311-3D
193-4	.250	.250	.480	200	311-4D
193-6	.375	.375	.600	150	311-6D
193-8	.500	.500	.750	150	311-8D
193-10	.625	.625	.870	150	311-10D

Part numbers as listed. The standard governs and may list other sizes.

How to read the part number

Part	Meaning
Format	193-<dash>
Example	193-4 — Hose size -4 (.250 in I.D.)

Notes

- Construction: seamless Buna-N inner tube reinforced by a braid of high tensile fiber cord; outer cover of synthetic rubber compound.
- Operating temperature -65°F to +165°F. Application: low pressure air or vacuum instrument systems, autopilots and lines to pressure gauges (specified in MS33620). Vacuum service 20 in Hg for sizes -2 to -6 and 10 in Hg for -8 and -10.
- Identification: black cover, yellow marking LP-MIL-H-5593-size, date of manufacture and manufacturer's code; Stratoflex 193-size on the other side; markings every 12 inches.
- Pressures in psi, sizes in dash numbers (sixteenths of an inch of hose I.D.), as listed.

SOURCES · STRATOFLEX-193 — Stratoflex 193 Low Pressure Hose and 193000 Assemblies

SCAN · OPEN THIS DATA SHEET
theaviationpoint.com/parts/fittings/stratoflex-193/

Reference data. The aircraft manufacturer's documentation (SRM / IPC) takes precedence.

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