THE AVIATION POINT · THEAVIATIONPOINT.COM · THE AVIATION POINT · THEAVIATIONPOINT.COM · THE AVIATION POINT · THEAVIATIONPOINT.COM

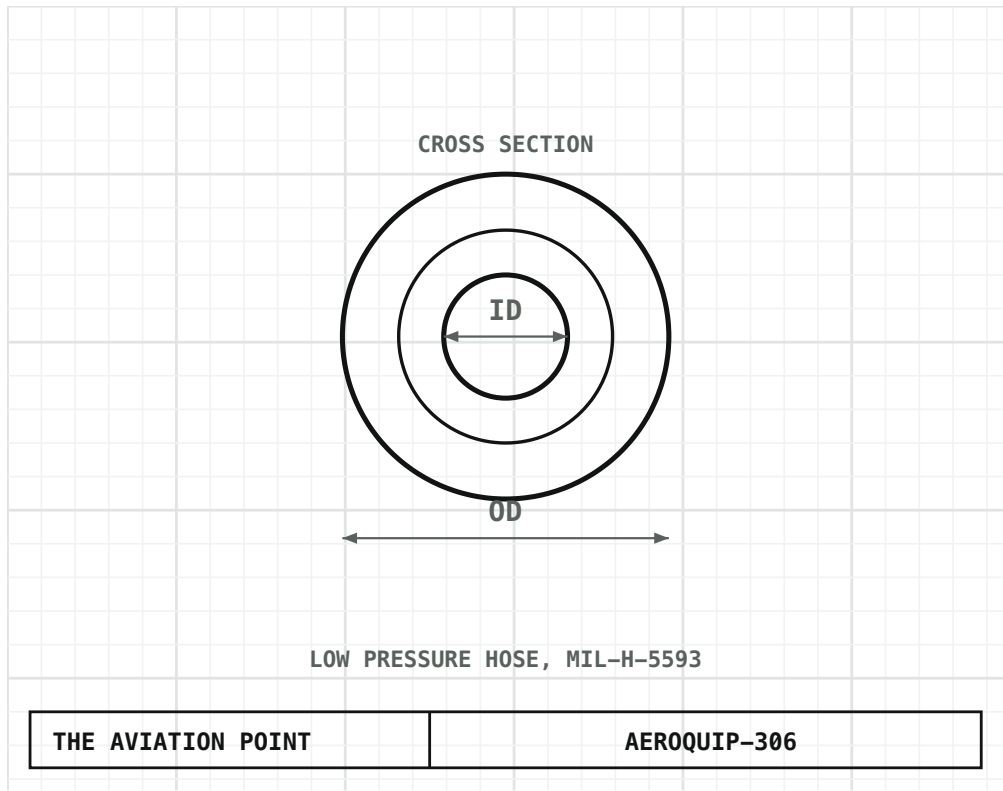
The Aviation Point

AEROQUIP-306 — low pressure hose, MIL-H-5593

Aeroquip 306 Low Pressure Hose (MIL-H-5593): dimensions by dash size and part numbers, as listed in a distributor catalogue.



AEROQUIP-306



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.	.344	.406	.469	.594	.750	.875
P — Nominal pressure, psi	300	250	200	150	150	150
F — Hose fitting	471-2D	471-3D	471-4D	471-6D	471-8D	471-10D

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
306-2	.125	.125	.344	300	471-2D
306-3	.188	.188	.406	250	471-3D
306-4	.250	.250	.469	200	471-4D
306-6	.375	.375	.594	150	471-6D
306-8	.500	.500	.750	150	471-8D
306-10	.625	.625	.875	150	471-10D

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

How to read the part number

Part	Meaning
Format	306-<dash>
Example	306-4 — Hose size -4 (.250 in I.D.)

Notes

- Construction: seamless synthetic rubber inner tube reinforced by a single cotton braid; outer cover of synthetic rubber compound.
- Operating temperature -65°F to +160°F. Application: air or vacuum instrument systems, autopilots and lines to pressure gauges used with these systems (specified in MS33620).
- Identification: black cover, yellow stripe marked LP with manufacturer's code, size and date; Aeroquip 306 in a white stripe at 180°; markings every 6 inches.
- Pressures in psi, sizes in dash numbers (sixteenths of an inch of hose I.D.), as listed.

SOURCES · AEROQUIP-306 — Aeroquip 306 Low Pressure Hose

SCAN · OPEN THIS DATA SHEET
theaviationpoint.com/parts/fittings/aeroquip-306/

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