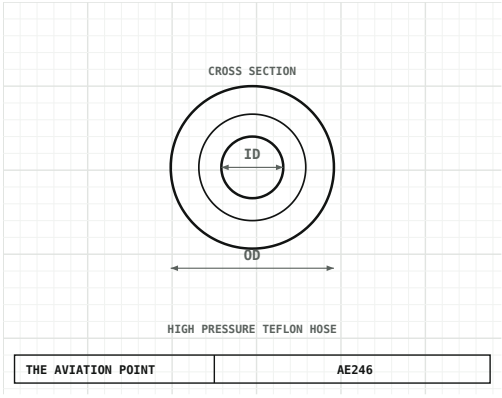
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AE246 — high pressure Teflon hose

AE246 High Pressure Teflon Hose, Wire Reinforced: dimensions by dash size and part numbers, as listed in a distributor catalogue.



AE246



Engineering drawing · dimensions in inches

Specification

Item	Value
Type	Hose
Status	Hose sizes -4 to -10 as listed; the pn is the hose size designation.

Dimensions by size

Dimension, in	-4	-6	-8	-10
TS — Tube size	1/4	3/8	1/2	5/8
ID — Hose I.D. (min.)	.212	.298	.391	.485
OD — Hose O.D. (max.)	.390	.475	.605	.720
BR — Min. bend radius, in	1.50	2.50	2.88	3.25
OP — Operating, psi	3000	3000	3000	3000
PR — Proof, psi	6000	6000	6000	6000
BH — Min. burst, high temp., psi	12000	10500	10500	9000
BR2 — Min. burst, room temp., psi	16000	14000	14000	12000
TH — Fitting thread	.4375-20	.5625-18	.750-16	.875-14
LC — Size code letter	E	G	H	J

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

Part numbers

Part no.	Size	Tube size	Hose I.D. (min.), in	Hose O.D. (max.), in	Fitting thread
AE246-4	1/4	1/4	.212	.390	.4375-20
AE246-6	3/8	3/8	.298	.475	.5625-18
AE246-8	1/2	1/2	.391	.605	.750-16
AE246-10	5/8	5/8	.485	.720	.875-14

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

How to read the part number

Part	Meaning
Format	AE246-<dash>
Example	AE246-6 — Hose size -6

Notes

- Hose size -4 to -10 (the part is identified by hose size; assemblies use the key AE246 0000 - G - 01: base number, size code, fitting code, length in inches).
- Construction: Teflon hose reinforced with Hi-Pac single wire braid; meets the requirements of AS1339. Fluid temperature -67°F to +400°F. Conductive: tube capable of conducting 6 µA (sizes -4, -6, -8) or 12 µA (-10) at 1,000 volts.
- Fittings: 3-piece "super gem" and 2-piece "super-C" permanently attached fittings in crescent steel (304; sleeve 17-4 PH). Fire sleeve AE102 available on assemblies.

SOURCES · AE246 — AE246 High Pressure Teflon Hose, Wire Reinforced

SCAN · OPEN THIS DATA SHEET
theaviationpoint.com/parts/fittings/ae246/

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

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