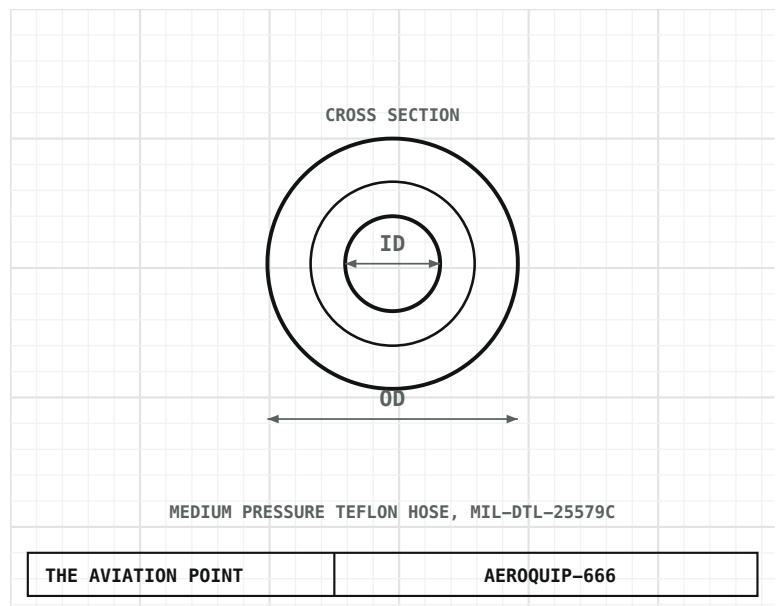
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AEROQUIP-666 — medium pressure Teflon hose, MIL-DTL-25579C

Aeroquip 666 Medium Pressure Teflon Hose, Wire Reinforced: dimensions by dash size and part numbers, as listed in a distributor catalogue.



AEROQUIP-666



Engineering drawing · dimensions in inches

Specification

Item	Value
Type	Hose
Status	Hose sizes -3 to -8 as listed; the -3 part number is printed AE240-3.

Dimensions by size

Dimension, in	-3	-4	-5	-6	-8
ID — Hose I.D. (min.)	.125	.188	.250	.313	.406
OD — Hose O.D. (max.)	.268	.343	.406	.469	.585
BR — Min. bend radius, in	1.50	2.00	2.00	4.00	4.62
OP — Operating, psi	1500	1500	1500	1500	1500
PR — Proof, psi	3000	3000	3000	3000	3000
BU — Min. burst, psi	7500	12000	10000	9000	8000
TH — Fitting thread	.375-24	.4375-20	.500-20	.5625-18	.750-16
LC — Size code letter	B	E	F	G	H
PN — Hose part no. as printed	AE240-3	666-4	666-5	666-6	666-8

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

Part numbers

Part no.	Size	Hose I.D. (min.), in	Hose O.D. (max.), in	Fitting thread	Hose part no.
AE240-3	.125	.125	.268	.375-24	AE240-3
666-4	.188	.188	.343	.4375-20	666-4
666-5	.250	.250	.406	.500-20	666-5
666-6	.313	.313	.469	.5625-18	666-6
666-8	.406	.406	.585	.750-16	666-8

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

How to read the part number

Part	Meaning
Format	666-<dash>
Example	666-6 — Hose size -6

Notes

- Hose sizes -3 to -8. Construction: spiral extruded Teflon inner tube reinforced with stainless steel, covered with a Type 300 series steel wire braid; fluid temperature -65°F to +275°F; hose and compression fittings comply with MIL-DTL-25579C (1500 psi).
- Conductivity: the liner conducts at least 10 µA (sizes 4 to 8) at 1,000 volts. Aluminum compression-crimp fittings (nut 2024-T851, nipple 2024-T851, socket 304 steel, wire 305).
- Assembly key AE3660000 - G - 0185 (MS style, corrosion resistant steel: base AE3660240 for -3 and -4, AE3660000 for -4 to -8; nipple AE21740 / AE21496). The socket must be ordered separately.
- The -3 hose is printed as AE240-3 in the part number row.

SOURCES · AEROQUIP-666 — Aeroquip 666 Medium Pressure Teflon Hose, Wire Reinforced

SCAN · OPEN THIS DATA SHEET
theaviationpoint.com/parts/fittings/aeroquip-666/

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