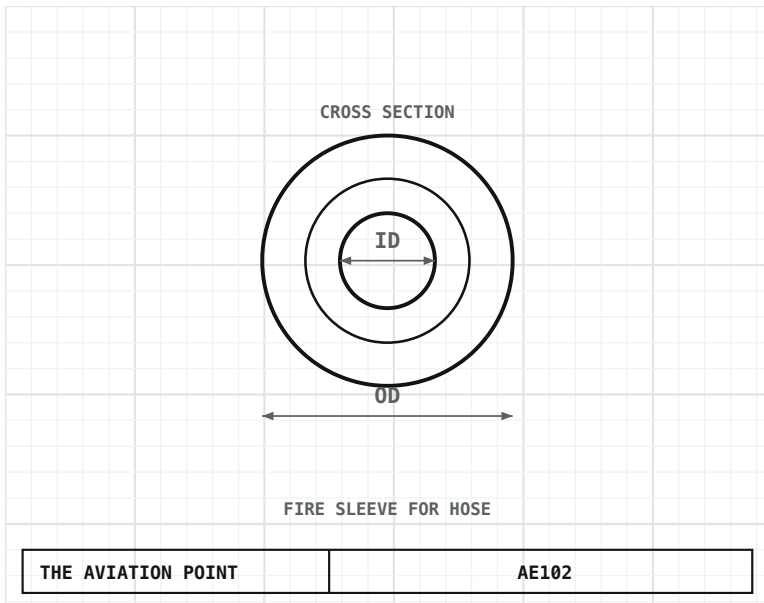
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The Aviation Point

AE102 — fire sleeve for hose

Aeroquip AE102 Fire Sleeve: dimensions by dash size and part numbers, as listed in a distributor catalogue.



Engineering drawing · dimensions in inches

Specification

Item	Value
Type	Fire sleeve
Status	As listed in the distributor catalogue.

Dimensions by size

Dimension, in	-8	-9	-10	-11	-12	-13	-14	-16	-18	-20
ID — Inside dia.	1/2	9/16	5/8	11/16	3/4	13/16	7/8	1	1-1/8	1-1/4
CL — Clamp (Aeroquip no.)	900591B-1C	900591B-2C	900591B-2C	900591B-2C	900591B-2C	900591B-2C	900591B-2C	900591B-3C	900591B-3C	900591B-3C
H1 — For hose 303 / 111	-3	-4	-5	—	-6	—	-8	-10	-12	—
H2 — For hose 601	-4	-5	-6	—	-8	—	—	-10	-12	—
H3 — For hose AE246	-4	—	—	-6	—	-8	—	-10	—	—
H4 — For hose MIL-H-6000	1/4	1/4	—	3/8	1/2	—	5/8	3/4	—	—
H5 — For hose 666	-3, -4, -5	—	—	-6	—	-8	-10	—	—	—
WT — Weight, lb per ft	.112	.122	.142	.158	.166	.175	.187	.195	.226	.248

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	Clamp	Weight, lb/ft
AE102-8	1/2	1/2	900591B-1C	.112
AE102-9	9/16	9/16	900591B-2C	.122
AE102-10	5/8	5/8	900591B-2C	.142
AE102-11	11/16	11/16	900591B-2C	.158
AE102-12	3/4	3/4	900591B-2C	.166
AE102-13	13/16	13/16	900591B-2C	.175
AE102-14	7/8	7/8	900591B-2C	.187
AE102-16	1	1	900591B-3C	.195
AE102-18	1-1/8	1-1/8	900591B-3C	.226
AE102-20	1-1/4	1-1/4	900591B-3C	.248

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

How to read the part number

Part	Meaning
Format	AE102-<dash>
Example	AE102-12 — 3/4 in inside dia.

Notes

- Construction: fiberglass tubing impregnated and overlaid with flame-resistant silicone rubber, developed to the fire resistance requirements of TSO-C53 / TSO-C75. Operating temperature -65°F to +500°F.
- Resistant to MIL-H-5606, distilled water, MIL-L-7808, MIL-L-6082 and Skydrol 500. Orange outer surface with black layline Aeroquip AE102/624-size-code every 10 inches. For fuel, oil, hydraulic, fire extinguisher and propeller feathering lines.
- Secure with 900591B clamps. The hose columns give the hose dash size each sleeve size is listed for.

SOURCES · AE102 — Aeroquip AE102 Fire Sleeve

SCAN · OPEN THIS DATA SHEET
theaviationpoint.com/parts/fittings/ae102/