

GENERAL AVIATION PRODUCTS

Aeroduct Ducting

Aeroduct wire-supported ducting, in its various forms and constructions, provides the most versatile type of ducting in the industry. It's suitable for permanent or temporary installations to meet many different applications. Aeroduct aircraft ducting is manufactured with fiberglass fabrics, impregnated with neoprene or silicone rubber compounds, that's developed for flame resistance and high temperature applications.

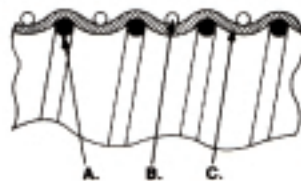


SCAT

SCAT ducting is recommended for use in conducting extremely cold or hot air where temperatures range from -65°F to $+550^{\circ}\text{F}$. It is lightweight and extremely flexible. This ducting minimizes waste since short sections, which are normally unusable, can be joined together to form a continuous length. It is not recommended for negative pressure applications.

Construction:

- A. Support - Copper-coated or bronze-plated spring-steel-wire helix.
- B. Cover - Woven fiberglass fabric impregnated with silicone rubber. Standard length - 11 feet.
- C. Cord - Fiberglass cord coated with silicone.



SCAT DUCTING (Red)

TECHNICAL DATA

Inside Diameter (inches)*	2	3	4	5	6
Weight (pounds per foot)	.19	.29	.38	.48	.58
Inside Bend Radius (inches)	.50	.75	1.0	1.25	1.50
Length Required for 180° Bend (inches)	8	12	16	20	24
Minimum Burst Pressure (psig)	102	88	69	57	41
Internal Working Pressure (psig)	26	22	17	14	10
Maximum Leakage (cfm/ft. at working pressure)	.010	.015	.020	.025	.030
Crush Resistance (pounds per foot)	400	320	290	240	200
Axial Tensile Strength (pounds)	375	535	660	870	900
Retracted Length (inches per foot)	3.5	3.5	2.8	2.1	2.0
Operating Temperature Range	-65°F to $+550^{\circ}\text{F}$				

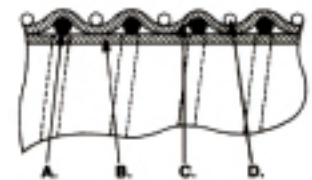
SCEET

SCEET ducting is ideal for use in conducting extremely cold or hot air at temperatures ranging from -80°F to $+550^{\circ}\text{F}$, and for conveying fumes. This ducting is highly flexible and can be easily installed around obstructions and sharp bends. It has less air friction loss than similar nonlined ducting. SCEET ducting is not recommended for applications involving liquids or highly abrasive materials, or for negative pressure applications.

Construction:

- A. Support - Copper-coated or bronze-plated spring-steel-wire helix bonded between the liner and cover material.
- B. Liner - Fiberglass fabric impregnated and coated with silicone rubber.
- C. Cover - Fiberglass fabric impregnated and coated with silicone rubber.

- D. Cord - Fiberglass cord coated with silicone. Standard length - 11 feet.



SCEET DUCTING (Red)

TECHNICAL DATA

Inside Diameter (inches)*	2	3	4	5	6
Weight (pounds per foot)	.20	.33	.44	.55	.66
Inside Bend Radius (inches)	.75	1.0	1.25	1.50	1.75
Length Required for 180° Bend (inches)	10	14	19	24	28
Minimum Burst Pressure (psig)	165	142	125	76	68
Internal Working Pressure (psig)	42	35	31	19	17
Maximum Leakage (cfm/ft. at working pressure)	.016	.024	.032	.040	.048
Crush Resistance (pounds per foot)	400	320	290	240	200
Axial Tensile Strength (pounds)	525	680	860	900+	900+
Retracted Length (inches per foot)	4.5	4.5	4	3.5	3.5
Operating Temperature Range	-80°F to $+550^{\circ}\text{F}$				