

TYPE RIA 2.0



CONSTRUCTION:

INNER CORE: The inner, middle and outer plies encapsulate a spring steel helix and contain no openly dangerous constituents such as mylar (plastic) or neoprene.

INSULATION: (R4.7) 32 mm thick.

VAPOR BARRIER: Aluminum foil jacket. Non-combustible air duct.

SIMPLEFLEX - TYPE RIA 2.0 conforms to National Building Code part 6.2.3.2(4).

Standard of acceptance : **SIMPLEFLEX TYPE RIA 2.0** as manufactured by **Trans Continental Equipment.**

U.L. Listed:

SIMPLEFLEX - TYPE RIA 2.0 has been tested to U.L. under their standard U.L.181 / S-110 and is listed as a "Flexible Air Connector" Class 1.

SIMPLEFLEX - TYPE RIA 2.0 meets the requirements of Bulletin 90A of the National Fire Protection Association for all diameters

HIGHLIGHTS:

Maximum rated velocity = 20.3 m/s

Maximum positive pressure = 1.5 kPa for diameters 76 through 254 mm ID.

Maximum positive pressure = 1.0 kPa for sizes 305 through 508 mm ID.

Maximum negative pressure = 0.125 kPa for all sizes.

Size range = 76 mm - 508 mm ID.

DIAMETER	CODE
3"	SFRIA03252
4"	SFRIA04252
5"	SFRIA05252
6"	SFRIA06252
7"	SFRIA07252
8"	SFRIA08252
9"	SFRIA09252
10"	SFRIA10252
12"	SFRIA12252
14"	SFRIA14252
16"	SFRIA16252
18"	SFRIA18252
20"	SFRIA20252
22"	SFRIA22252

PHYSICAL DATA

Nominal Diameter	3"	4"	5"	6"	7"	8"	9"	10"	12"	14"	16"	18"	20"	22"
Inside Diameter	3 1/8"	4 1/8"	5 1/8"	6 1/8"	7 1/8"	8 1/8"	9 1/8"	10 1/8"	12 1/8"	14 1/8"	16 1/8"	18 1/8"	20 1/8"	22 1/8"
Outside Diameter	3 3/16"	4 3/16"	5 3/16"	6 3/16"	7 3/16"	8 3/16"	9 3/16"	10 3/16"	12 3/16"	14 3/16"	16 3/16"	18 3/16"	20 3/16"	22 3/16"
Standard Length	25'	25'	25'	25'	25'	25'	25'	25'	25'	25'	25'	25'	25'	25'
Weight (pounds)	3	3	3.5	3.5	4	4	5	5	6	7	9	10	11	13
Operating Temp	-4°F to 212°F / -20°C to 100°C													