

Flexiva alüminyum **SONO sky**



Made of laminated aluminum foil both inner-outer surface and high tensile steel wire for heating ventilation and gas transition systems.

- Suitable for low and medium pressure atmosphere.
- Ability to press and twist.
- Air tight , resistant to tear and wear .
- Flame retardant.
- No cause of poisonous gas in case of fire.

Technical Specifications :

Material	: Aluminum
Diameter range	: Ø 52 mm – Ø 1000 mm
Temperature Range	: -30 °C / + 150 °C
Air Velocity	: Max. 30 m/sec.
Operating Pressure	: Max. 5000 Pa.
Class	: Flame retardant M1
Standard offer type	: Package / 10 m.

Insulated Sky

Insulation	: 25 mm – 100 mm thickness and 12/16 kg / m ³ density glasswool
Jacket	: Aluminum

Made of micro perforated laminated aluminum foil which provides sound insulation and high tensile steel wire for heating ventilation and gas transition systems.

Technical Specifications :

Insulation	: 25 mm – 100 mm thickness and 12/16 kg / m ³ density glasswool
Jacket	: Aluminum
Barrier	: PET



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Product specific properties

SONO SKY

- Material structure:
 - perforated aluminium laminate / barrier / glass wool / aluminium laminate
- Construction:
 - inner duct :aluminum, polyester laminate
 - Barrier :closed polyester film
 - glass wool blanket :25 mm
 - outer jacket :aluminum, polyester laminate
- R-value glass wool :0.69 (25 mm) m²K/W (ASTM C177-76)

Sound attenuation

SONO SKY (Test report nr. SS125)							
D _n (mm)	L (m)	Attenuation, dB - Mid-frequency, Hz					
		125	250	500	1000	2000	4000
082	1	16	25	34	38	30	20
	2	22	37	48	54	46	30
	3	30	43	41	43	55	43
102	1	11	25	31	36	23	15
	2	17	31	51	50	38	26
	3	20	44	51	52	51	33
127	1	11	19	23	27	25	19
	2	17	31	43	43	35	22
	3	21	40	45	48	47	27
160	1	15	26	22	27	18	13
	2	22	38	35	39	29	20
	3	33	43	39	43	39	27
203	1	6	13	15	18	11	10
	2	15	31	32	38	21	18
	3	16	36	40	42	28	24
254	1	9	11	12	10	7	11
	2	21	24	24	22	13	15
	3	29	33	31	30	19	24
315	1	8	8	8	7	6	8
	2	16	15	14	13	9	13
	3	23	23	21	19	12	17
457	1	8	8	6	6	5	7
	2	18	15	14	12	8	10
	3	24	21	20	18	11	15
508	1	7	8	7	7	6	7
	2	-	-	-	-	-	-
	3	-	-	-	-	-	-