PRODUCT TECHNICAL SPECIFICATION

TEXO TEHNOEXPORT

Product: Texodamp Sono

Material:

Texodamp Sono is a flexible sound attenuator, consisting of inner duct made from Alutex as basic duct, covered with thermal insulation of glass wool 25 mm thick. The external surface of the duct is covered with jacket made of polyester laminated aluminium foil. Both ends are taped to provide easy connection.

Application:

Texodamp Sono is designed for installation in ventilation and air conditioning systems to prevent condensation, loss of energy and to reduce noise.

Product construction:

The product Flexible duct „Texodamp Sono A12/Y25J“ include the following components:

- Inner core: Multilayer of Aluminium and Polyester,
- Insulation: a glass wool with 25 mm thick
- Outer core: Multilayer of Aluminium and Polyester
- Barrier
- Aluminium tape

Properties:

Good flexibility
Good compression
Reduction of noise

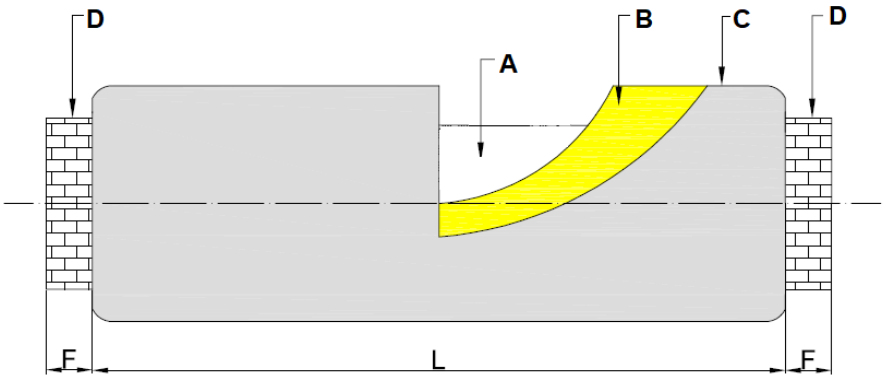
Specification:

Product code: given in the table bellow,
Diameters: from 82 mm to 406 mm,
Standard lengths: 0.5 m, 1 m and 1.5 m.

Classification:

- **Texodamp Sono** fullfils all the requirements and are classified as specified within **EN 13180**: *Ventilation for buildings – Ductwork – Dimensions and mechanical requirements for flexible ducts.*

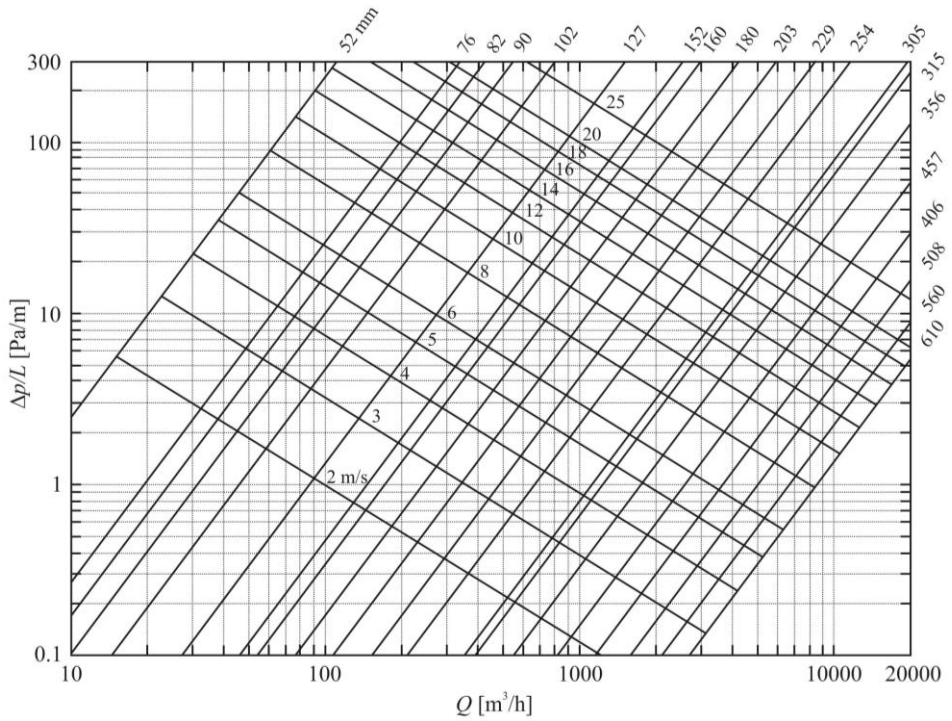
Drawing:



A - Inner core
B - Glass wool
C - Outer core
D - Alum. tape

L - Length (0,5; 1; 1,5 m)
F - 50 mm

Pressure loss:



Sound attenuation:

Texodamp Sono									
Insulation 25mm									
		f (Hz)							
Dn (mm)	**L (m)**	**63 Hz**	**125 Hz**	**250 Hz**	**500 Hz**	**1 kHz**	**2 kHz**	**4 kHz**	**8 kHz**
100	1	11	15	21	25	34	29	31	22
125	1	9	13	21	24	26	26	31	21
160	1	5	8	12	29	28	27	31	18
200	1	2	6	13	23	22	27	23	17
250	1	4	10	17	19	19	21	14	14
315	1	3	16	18	17	19	16	10	8
406	1	2	9	17	15	20	10	5	3
100	2	13	17	22	25	43	48	31	22
125	2	13	13	21	26	34	37	32	24
160	2	14	15	17	27	35	44	36	26
200	2	8	11	21	26	39	29	34	20
250	2	3	7	17	24	27	27	23	19
315	2	5	13	21	20	22	24	16	11
406	2	7	14	16	16	22	16	8	6
100	3	16	17	28	39	43	48	32	22
125	3	14	18	27	38	41	44	33	25
160	3	17	17	25	37	39	37	37	27
200	3	22	21	23	35	38	36	39	28
250	3	5	10	20	30	32	28	32	24
315	3	9	18	21	25	30	28	23	16
406	3	8	18	17	18	22	20	13	8