

## 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 A21/Y25J“ include the following components:

- Inner core: Multilayer of Aluminium and Polyester (one is metalized),
- Insulation: a glass wool with 25 mm thick and 16 kg/m<sup>3</sup> density
- Outer core: Multilayer of Aluminium and Polyester
- Barrier
- Aluminium tape

### Properties:

Good flexibility  
Good compression  
Reduction of noise

### Specification:

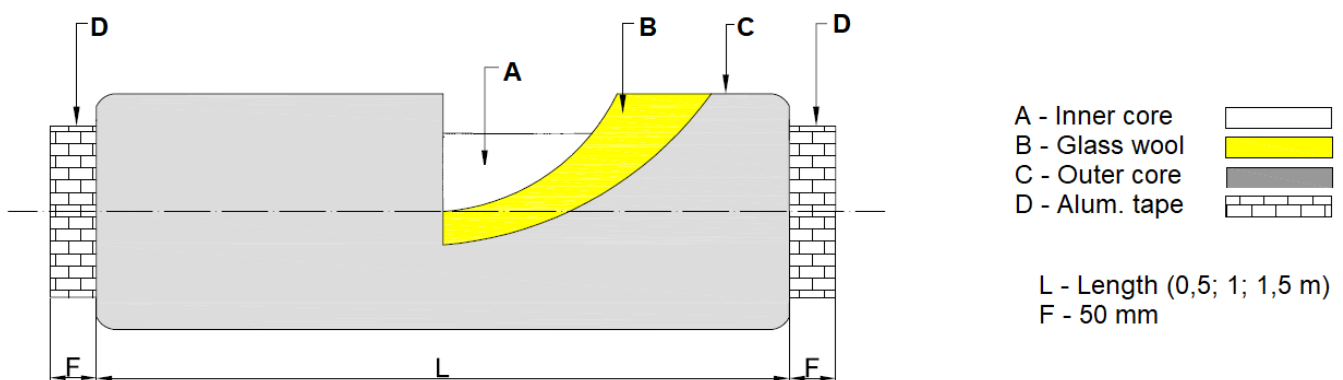
Product code: given in the table bellow,  
Diameters: from 82 mm to 406 mm,  
Standard lengths: 1 m.

# PRODUCT TECHNICAL SPECIFICATION

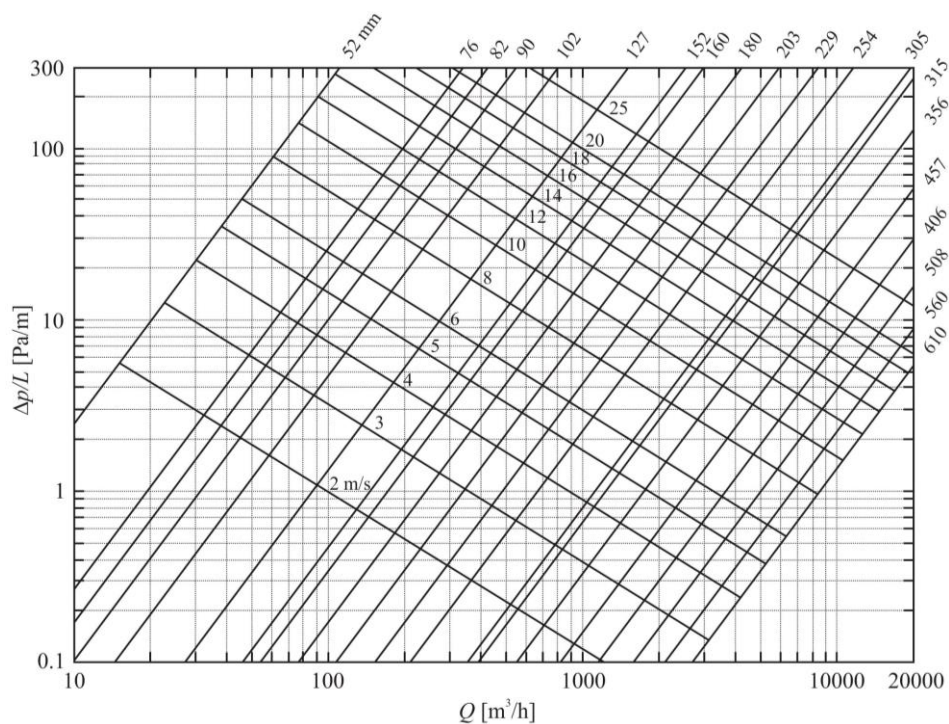
Classification:

- **FR (NF): M1**
- **Texodamp Sono** fulfills all the requirements and are classified as specified within **EN 13180: Ventilation for buildings – Ductwork – Dimensions and mechanical requirements for flexible ducts.**

Drawing:



Pressure loss:



# PRODUCT TECHNICAL SPECIFICATION



## Sound attenuation:

Texodamp Sono									
Insulation 25mm									
Dn (mm)	L (m)	f (Hz)							
		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

# PRODUCT TECHNICAL SPECIFICATION



**Table: Ordering information**

Product code	Product name	Dia.	L	Pallette dim.	Pcs. per box	Boxes per pall.	EAN Code	Product code Tower A.
		mm	m	cm				
DA21SY25J082/1.0	Texodamp Sono A21/Y25J - dia. 082 mm x 1 m	82	1	80x120	1	240		
DA21SY25J102/1.0	Texodamp Sono A21/Y25J - dia. 102 mm x 1 m	102	1	80x120	1	168		
DA21SY25J127/1.0	Texodamp Sono A21/Y25J - dia. 127 mm x 1 m	127	1	80x120	1	132	8605065436027	
DA21SY25J133/1.0	Texodamp Sono A21/Y25J - dia. 133 mm x 1 m	133	1	80x120	1	132	8605065436034	
DA21SY25J152/1.0	Texodamp Sono A21/Y25J - dia. 152 mm x 1 m	152	1	80x120	1	100	8605065436041	
DA21SY25J165/1.0	Texodamp Sono A21/Y25J - dia. 165 mm x 1 m	165	1	80x120	1	72	8605065436058	
DA21SY25J180/1.0	Texodamp Sono A21/Y25J - dia. 180 mm x 1 m	180	1	80x120	1	72		
DA21SY25J203/1.0	Texodamp Sono A21/Y25J - dia. 203 mm x 1 m	203	1	80x120	1	64		
DA21SY25J254/1.0	Texodamp Sono A21/Y25J - dia. 254 mm x 1 m	254	1	80x120	1	36		
DA21SY25J305/1.0	Texodamp Sono A21/Y25J - dia. 305 mm x 1 m	305	1	80x120	1	30		
DA21SY25J315/1.0	Texodamp Sono A21/Y25J - dia. 315 mm x 1 m	315	1	80x120	1	30		
DA21SY25J356/1.0	Texodamp Sono A21/Y25J - dia. 356 mm x 1 m	356	1	80x120	1	20		
DA21SY25J406/1.0	Texodamp Sono A21/Y25J - dia. 406 mm x 1 m	406	1	80x120	1	16		

# PRODUCT TECHNICAL SPECIFICATION

## Packaging information:

L = the position of the label in the upper left corner, straight to the edges



Maximum pallet height: 2,80 m

Label on box: White color, 70x90mm

