

Product: Sonotex



Material:

Sonotex is made of perforated **Alutex** inner duct as the basic duct, thermal insulation of glass wool 25 mm thick and external jacket made of polyester laminated aluminium foil. Due to its exceptional flexibility it is easy to install on circular and oval connectors.

Application:

Sonotex is lightweight flexible, acoustically insulated duct designed for the installation in ventilation and air conditioning systems.

Product construction:

The product Flexible duct „Sonotex A11/Y250“ 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
- Polyester barrier between insulation and inner duct

Properties:

Good flexibility
Good compression
Reduction of noise

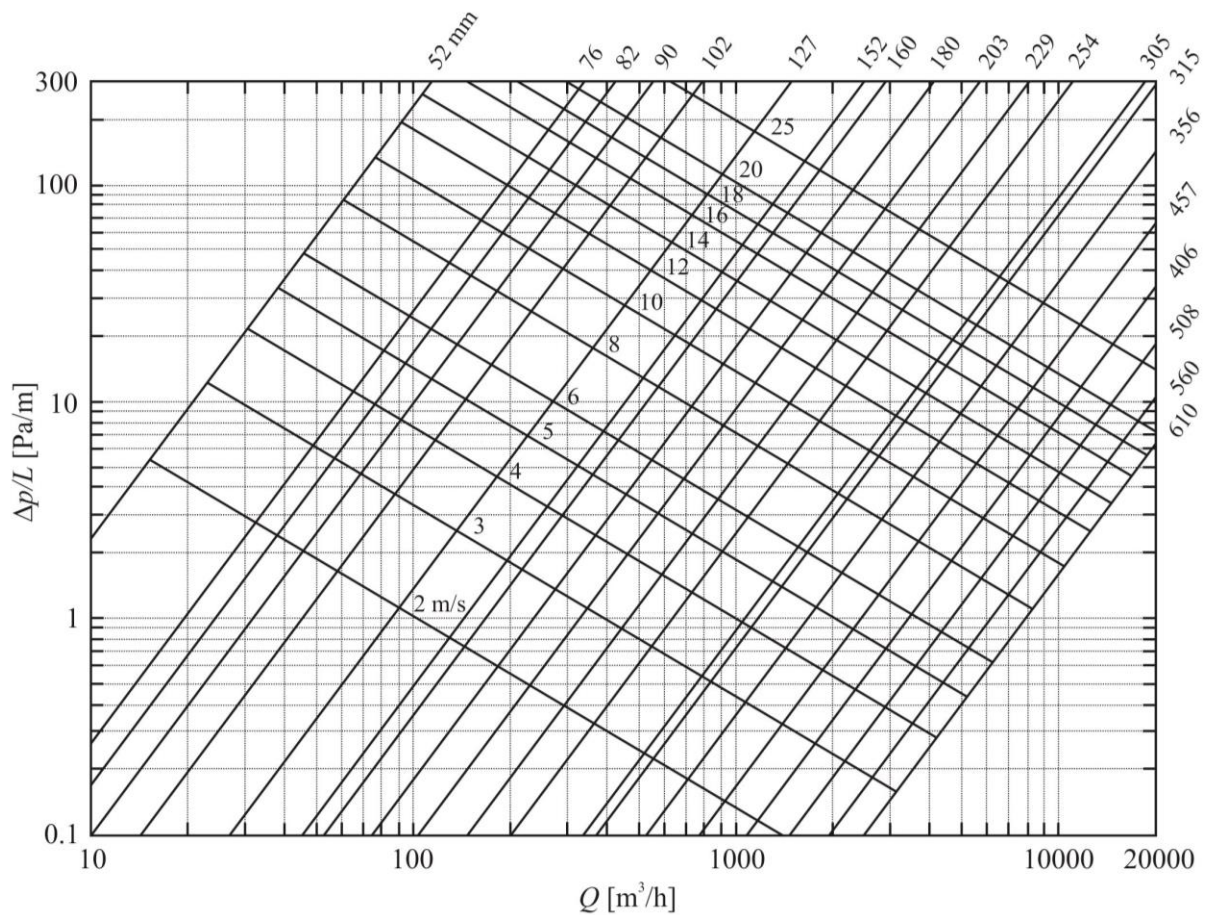
Specification:

Product code: given in the table bellow,
Diameters: from 82 mm to 508 mm,
Standard length: 10 m.

Classification:

- FR (NF): M1
- The **Sonotex A11/Y250** fulfils all the requirements and are classified as specified within **EN 13180: Ventilation for buildings – Ductwork – Dimensions and mechanical requirements for flexible ducts**.

Pressure loss:



PRODUCT TECHNICAL SPECIFICATION



Sound attenuation:

Sonotex									
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	Diam.	Length	Pallette dim.	Pcs. per box	Boxes per pall.
		mm	m	cm		
A11SY25O082/10	Sonotex A11/Y25O - dia. 082 mm x 10 m	82	10	100x120	1	72
A11SY25O102/10	Sonotex A11/Y25O - dia. 102 mm x 10 m	102	10	100x120	1	72
A11SY25O112/10	Sonotex A11/Y25O - dia. 112 mm x 10 m	112	10	100x120	1	72
A11SY25O120/10	Sonotex A11/Y25O - dia. 120 mm x 10 m	120	10	100x120	1	66
A11SY25O127/10	Sonotex A11/Y25O - dia. 127 mm x 10 m	127	10	100x120	1	66
A11SY25O133/10	Sonotex A11/Y25O - dia. 133 mm x 10 m	133	10	100x120	1	66
A11SY25O140/10	Sonotex A11/Y25O - dia. 140 mm x 10 m	140	10	100x120	1	50
A11SY25O152/10	Sonotex A11/Y25O - dia. 152 mm x 10 m	152	10	100x120	1	50
A11SY25O160/10	Sonotex A11/Y25O - dia. 160 mm x 10 m	160	10	100x120	1	45
A11SY25O165/10	Sonotex A11/Y25O - dia. 165 mm x 10 m	165	10	100x120	1	45
A11SY25O185/10	Sonotex A11/Y25O - dia. 185 mm x 10 m	185	10	100x120	1	32
A11SY25O203/10	Sonotex A11/Y25O - dia. 203 mm x 10 m	203	10	100x120	1	32
A11SY25O229/10	Sonotex A11/Y25O - dia. 229 mm x 10 m	229	10	100x120	1	28
A11SY25O254/10	Sonotex A11/Y25O - dia. 254 mm x 10 m	254	10	100x120	1	18
A11SY25O280/10	Sonotex A11/Y25O - dia. 280 mm x 10 m	280	10	100x120	1	15
A11SY25O305/10	Sonotex A11/Y25O - dia. 305 mm x 10 m	305	10	100x120	1	15
A11SY25O315/10	Sonotex A11/Y25O - dia. 315 mm x 10 m	315	10	100x120	1	15
A11SY25O356/10	Sonotex A11/Y25O - dia. 356 mm x 10 m	356	10	100x120	1	10
A11SY25O406/10	Sonotex A11/Y25O - dia. 406 mm x 10 m	406	10	100x120	1	8
A11SY25O457/10	Sonotex A11/Y25O - dia. 457 mm x 10 m	457	10	100x120	1	6
A11SY25O508/10	Sonotex A11/Y25O - dia. 508 mm x 10 m	508	10	100x120	1	6

Packaging information:

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



Maximum pallet height: 2,40 m

Label on box: White color, 70x90mm

