

Product: Sonotex Econ



Material:

Sonotex Econ is made of perforated **Alutex Econ** 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 Econ is lightweight flexible, acoustically insulated duct designed for the installation in ventilation and air conditioning systems.

Product construction:

The product Flexible duct „Sonotex A11E/Y25O Econ“ include the following components:

- Inner core: Multilayer of Aluminium and Polyester
- Insulation: a yellow glass wool with 25 mm thick
- Outer core: Multilayer of Aluminium and Polyester
- Polyester barrier between insulation and inner duct

Properties:

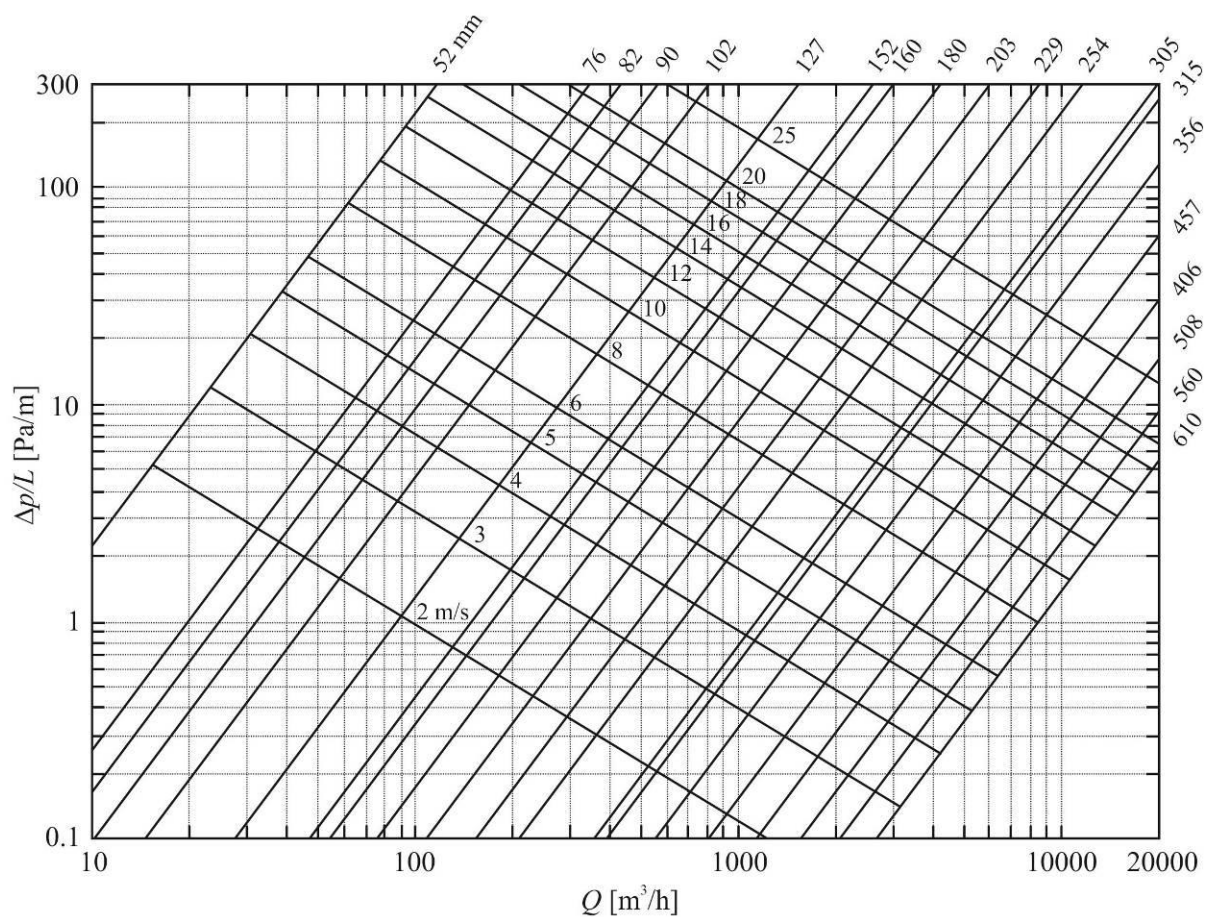
Good flexibility
Good compression
Reduction of noise

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 A11E/Y250 Econ** fulfils all the requirements and are classified as specified within **EN 13180: Ventilation for buildings – Ductwork – Dimensions and mechanical requirements for flexible ducts**.



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:

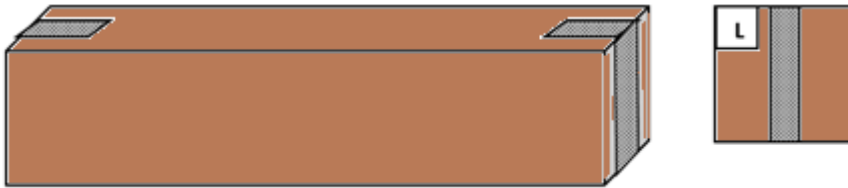
Product code	Product name	Diam.	Length	Pallet dim.	Pcs. per box	Boxes per pall.
		mm	m	cm		
A11ESY25O082/10	Sonotex A11E/Y25O - dia. 082 mm x 10 m Econ	82	10	80x120	1	90
A11ESY25O102/10	Sonotex A11E/Y25O - dia. 102 mm x 10 m Econ	102	10	80x120	1	90
A11ESY25O112/10	Sonotex A11E/Y25O - dia. 112 mm x 10 m Econ	112	10	80x120	1	90
A11ESY25O120/10	Sonotex A11E/Y25O - dia. 120 mm x 10 m Econ	120	10	80x120	1	78
A11ESY25O127/10	Sonotex A11E/Y25O - dia. 127 mm x 10 m Econ	127	10	80x120	1	78
A11ESY25O133/10	Sonotex A11E/Y25O - dia. 133 mm x 10 m Econ	133	10	80x120	1	78
A11ESY25O140/10	Sonotex A11E/Y25O - dia. 140 mm x 10 m Econ	133	10	80x120	1	78
A11ESY25O152/10	Sonotex A11E/Y25O - dia. 152 mm x 10 m Econ	152	10	80x120	1	60
A11ESY25O160/10	Sonotex A11E/Y25O - dia. 160 mm x 10 m Econ	160	10	80x120	1	55
A11ESY25O165/10	Sonotex A11E/Y25O - dia. 165 mm x 10 m Econ	165	10	80x120	1	55
A11ESY25O185/10	Sonotex A11E/Y25O - dia. 185 mm x 10 m Econ	185	10	80x120	1	36
A11ESY25O203/10	Sonotex A11E/Y25O - dia. 203 mm x 10 m Econ	203	10	80x120	1	36
A11ESY25O229/10	Sonotex A11E/Y25O - dia. 229 mm x 10 m Econ	229	10	80x120	1	24
A11ESY25O254/10	Sonotex A11E/Y25O - dia. 254 mm x 10 m Econ	254	10	80x120	1	24
A11ESY25O280/10	Sonotex A11E/Y25O - dia. 280 mm x 10 m Econ	280	10	80x120	1	18
A11ESY25O305/10	Sonotex A11E/Y25O - dia. 305 mm x 10 m Econ	305	10	80x120	1	18
A11ESY25O315/10	Sonotex A11E/Y25O - dia. 315 mm x 10 m Econ	315	10	80x120	1	18
A11ESY25O356/10	Sonotex A11E/Y25O - dia. 356 mm x 10 m Econ	356	10	80x120	1	10
A11ESY25O406/10	Sonotex A11E/Y25O - dia. 406 mm x 10 m Econ	406	10	80x120	1	10
A11ESY25O457/10	Sonotex A11E/Y25O - dia. 457 mm x 10 m Econ	457	10	80x120	1	8
A11ESY25O508/10	Sonotex A11E/Y25O - dia. 508 mm x 10 m Econ	508	10	80x120	1	8

PRODUCT TECHNICAL SPECIFICATION

Packaging information:

Box colour: Brown

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

