

Product: Sonotex NW



Material:

Sonotex NW is made of Non-Woven anti-bacterial 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 NW is a lightweight, flexible, acoustically insulated duct designed for the installation in ventilation and air conditioning systems.

Product construction:

The product Flexible duct „Sonotex NW/Y25J“ include the following components:

- Inner core: 1 Layer of Non-Woven anti-bacterial fabric
- Insulation: a glass wool with 25 mm thick and 16 kg/m³ density
- Outer core: Multilayer of Aluminium and Polyester

Properties:

Good flexibility
Good compression
Reduction of noise

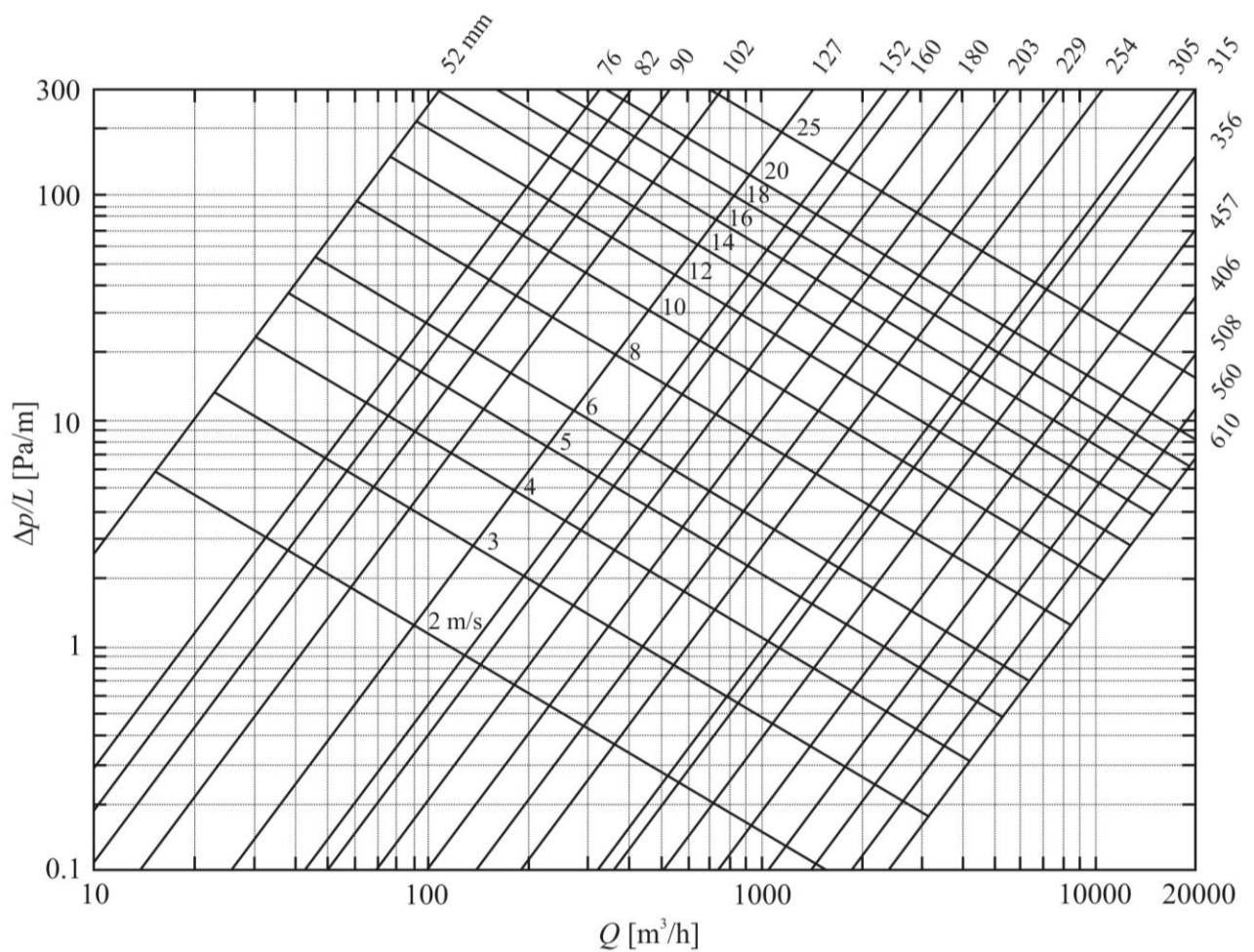
Specification:

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

Classification:

The **Sonotex NW** 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 NW									
Dn (mm)	L (m)	f (Hz)							
		63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz
100	0,5	12	14	20	22	23	24	31	21
125	0,5	8	6	11	22	23	27	31	19
160	0,5	6	7	9	21	22	25	30	18
200	0,5	1	3	5	17	18	25	19	13
250	0,5	3	6	10	13	13	15	11	12
315	0,5	2	4	11	12	12	11	7	8
406	0,5	3	5	9	8	10	6	3	1
100	1	11	15	21	25	34	29	31	22
100	1	13	17	28	35	34	38	44	22
125	1	11	12	30	25	26	30	40	24
160	1	7	16	30	23	24	30	34	22
200	1	3	7	29	23	22	28	29	17
250	1	3	12	20	19	19	24	17	16
315	1	4	17	18	16	17	20	12	10
406	1	5	12	15	13	17	12	6	3
100	2	16	18	22	25	28	26	31	22
125	2	15	15	23	27	30	29	32	25
160	2	14	17	20	26	29	28	36	27
200	2	7	10	17	27	29	29	38	24
250	2	4	10	20	24	25	27	29	19
315	2	6	14	20	20	21	26	19	14
406	2	10	19	16	16	20	19	10	6
100	3	16	17	23	25	30	28	32	22
125	3	14	17	22	25	28	29	32	25
160	3	22	21	23	25	30	29	37	28
200	3	12	15	22	25	27	30	40	28
250	3	7	15	21	23	27	28	36	23
315	3	10	20	20	20	23	28	27	15
406	3	12	22	17	18	23	22	15	6

PRODUCT TECHNICAL SPECIFICATION

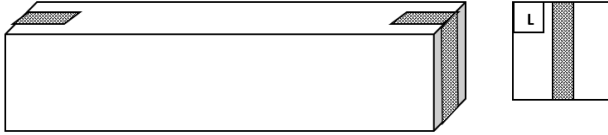
Table: Ordering information

Product code	Product name	Dia.	L	Pallet dim.	Pcs. per box	Box per pall	EAN Code	Product code Tower A.
		mm	m	cm				
NWSY25J082/10	Sonotex NW/Y25J - dia. 082 mm x 10 m	82	10	100x120	1	72	8605065435563	
NWSY25J102/10	Sonotex NW/Y25J - dia. 102 mm x 10 m	102	10	100x120	1	72	8605065435570	
NWSY25J112/10	Sonotex NW/Y25J - dia. 112 mm x 10 m	112	10	100x120	1	72	8605065435587	
NWSY25J120/10	Sonotex NW/Y25J - dia. 120 mm x 10 m	120	10	100x120	1	66	8605065435594	
NWSY25J127/10	Sonotex NW/Y25J - dia. 127 mm x 10 m	127	10	100x120	1	66	8605065435600	
NWSY25J133/10	Sonotex NW/Y25J - dia. 133 mm x 10 m	133	10	100x120	1	66	8605065435617	
NWSY25J140/10	Sonotex NW/Y25J - dia. 140 mm x 10 m	140	10	100x120	1	50	8605065435624	
NWSY25J152/10	Sonotex NW/Y25J - dia. 152 mm x 10 m	152	10	100x120	1	50	8605065435631	
NWSY25J160/10	Sonotex NW/Y25J - dia. 160 mm x 10 m	160	10	100x120	1	45	8605065435648	
NWSY25J165/10	Sonotex NW/Y25J - dia. 165 mm x 10 m	165	10	100x120	1	45	8605065435655	
NWSY25J185/10	Sonotex NW/Y25J - dia. 185 mm x 10 m	185	10	100x120	1	32	8605065435662	
NWSY25J203/10	Sonotex NW/Y25J - dia. 203 mm x 10 m	203	10	100x120	1	32	8605065435679	
NWSY25J229/10	Sonotex NW/Y25J - dia. 229 mm x 10 m	229	10	100x120	1	28	8605065435686	
NWSY25J254/10	Sonotex NW/Y25J - dia. 254 mm x 10 m	254	10	100x120	1	18	8605065435693	
NWSY25J280/10	Sonotex NW/Y25J - dia. 280 mm x 10 m	280	10	100x120	1	15	8605065435709	
NWSY25J305/10	Sonotex NW/Y25J - dia. 305 mm x 10 m	305	10	100x120	1	15	8605065435716	
NWSY25J315/10	Sonotex NW/Y25J - dia. 315 mm x 10 m	315	10	100x120	1	15	8605065435723	
NWSY25J356/10	Sonotex NW/Y25J - dia. 356 mm x 10 m	356	10	100x120	1	10	8605065435730	
NWSY25J406/10	Sonotex NW/Y25J - dia. 406 mm x 10 m	406	10	100x120	1	8	8605065435747	
NWSY25J457/10	Sonotex NW/Y25J - dia. 457 mm x 10 m	457	10	100x120	1	6	8605065435754	
NWSY25J508/10	Sonotex NW/Y25J - dia. 508 mm x 10 m	508	10	100x120	1	6	8605065435761	

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

