

## SONOMESH

### TECHNICAL DATA SHEET

December 2021

An all-round acoustic material. Use SonoMesh to dress concert venues, multipurpose halls and sports centres with creative wall coverings, stunning fabric ceilings, panel upholstery or roll-up banners. SonoMesh can even be used in humid environments such as aqua parks, as the durable acoustic material is insensitive to moisture and chlorine.

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» <b>ARTICLE CODE</b>	» <b>WIDTH</b>	» <b>LENGTH</b>	» <b>WEIGHT</b>
1750 0270 #####	270 cm	± 40 m	620 g/m <sup>2</sup>

» <b>COMPOSITION</b>
73% PVC / 27% PES

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» <b>FLAME RESISTANCE</b>	
DIN 4102	CLASS B1
EN 13501-1	CLASS B-s2,d0
NFPA 701	PASS

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» <b>TENSILE STRENGTH</b>	» <b>TEAR STRENGTH</b>	» <b>IMPACT RESISTANCE</b>
EN ISO 1421 Warp: 250 N / Weft: 220 N	DIN 53.363 Warp: 25 N / Weft 25 N	EN 13964 Class 1A

» **AVAILABLE COLOURS**



0001



0003

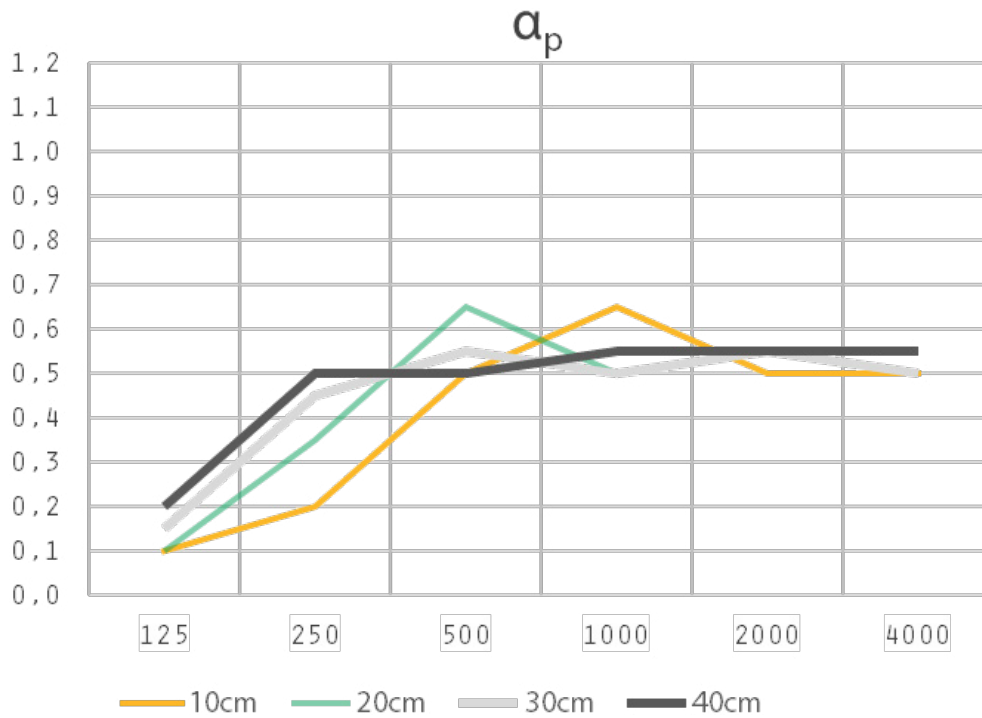


0030

» SINGLE LAYER SONOMESH: SOUND ABSORPTION  
ACCORDING TO EN ISO 354

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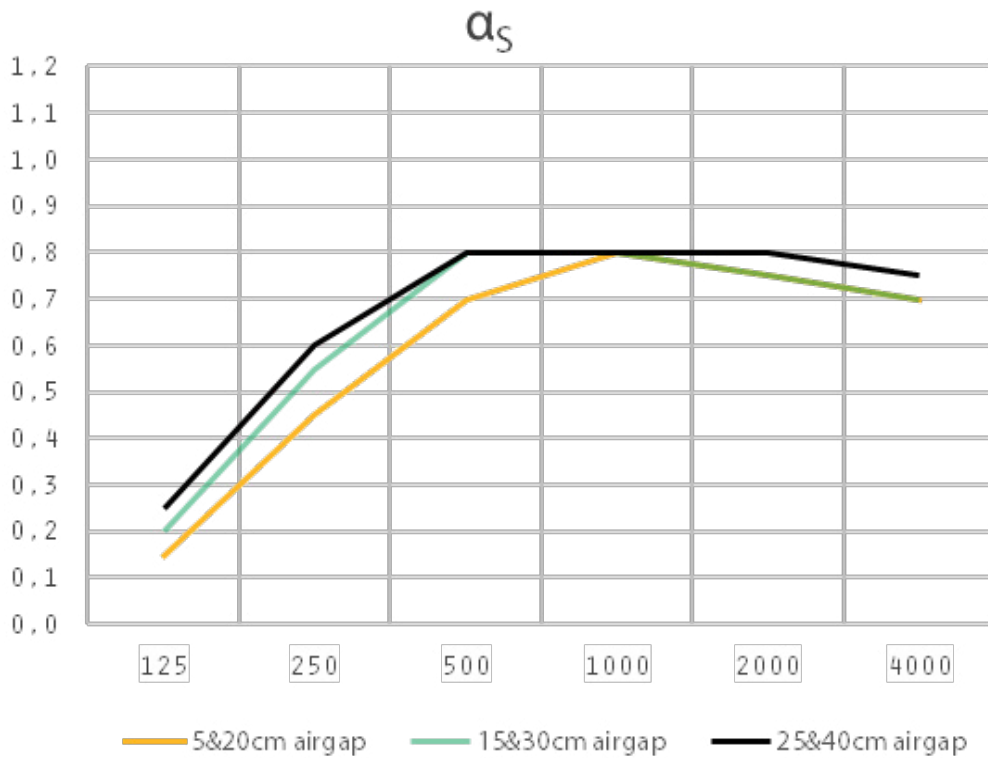


f(Hz)	10 cm airgap	20 cm airgap	30 cm airgap	40 cm airgap
125	0,10	0,10	0,15	0,20
250	0,20	0,35	0,45	0,50
500	0,50	0,65	0,55	0,50
1000	0,65	0,50	0,50	0,55
2000	0,50	0,55	0,55	0,55
4000	0,50	0,50	0,50	0,55
	ISO 11654 $\alpha_w$ 0.50	ISO 11654 $\alpha_w$ 0.55	ISO 11654 $\alpha_w$ 0.55	ISO 11654 $\alpha_w$ 0.55

» **DOUBLE LAYER SONOMESH: SOUND ABSORPTION**  
**ACCORDING TO EN ISO 354**

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f(Hz)	5 & 20 cm airgap	15 & 30 cm airgap	25 & 40 cm airgap
125	0,15	0,20	0,25
250	0,45	0,55	0,60
500	0,70	0,80	0,80
1000	0,80	0,80	0,80
2000	0,75	0,75	0,80
4000	0,70	0,70	0,75
	ISO 11654 $\alpha_w$ 0.70	ISO 11654 $\alpha_w$ 0.80	ISO 11654 $\alpha_w$ 0.80