

SONOMESH

TECHNICAL DATA SHEET

March 2019

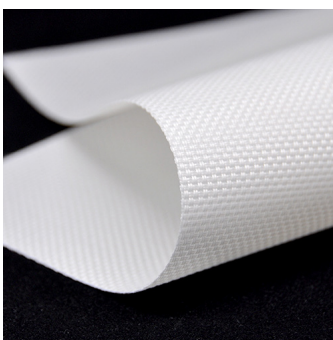
An all-round acoustic material. Use SonoMesh to dress concert venues, multipurpose halls and sports centres with creative wall coverings, stunning fabric ceilings, panel upholstery or roll-up banners. SonoMesh can even be used in humid environments such as aqua parks, as the durable acoustic material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

» ARTICLE CODE 1750 0270 ####	» WIDTH 270 cm	» LENGTH ± 40 m	» WEIGHT 620 g/m ²
» COMPOSITION 73% PVC / 27% PES			

» FLAME RESISTANCE	
EN 13501-1	B-S2,d0
DIN 4102	B1

» TENSILE STRENGTH EN ISO 1421 Warp: 250 N / Weft: 220 N	» TEAR STRENGTH DIN 53.363 Warp: 25 N / Weft 25 N	» IMPACT RESISTANCE EN 13964 Class 1A
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» **AVAILABLE COLOURS**



0001



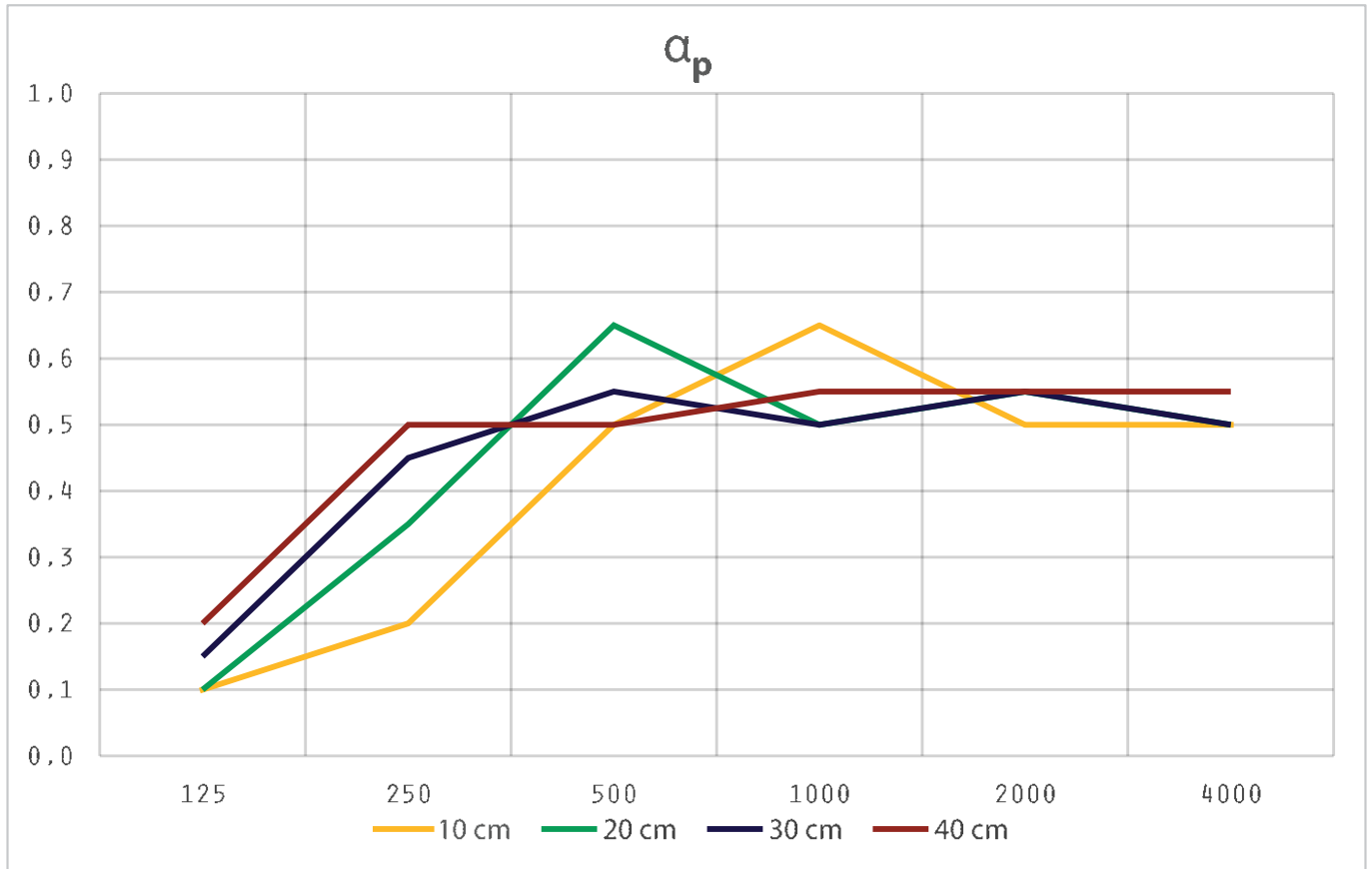
0003



0030

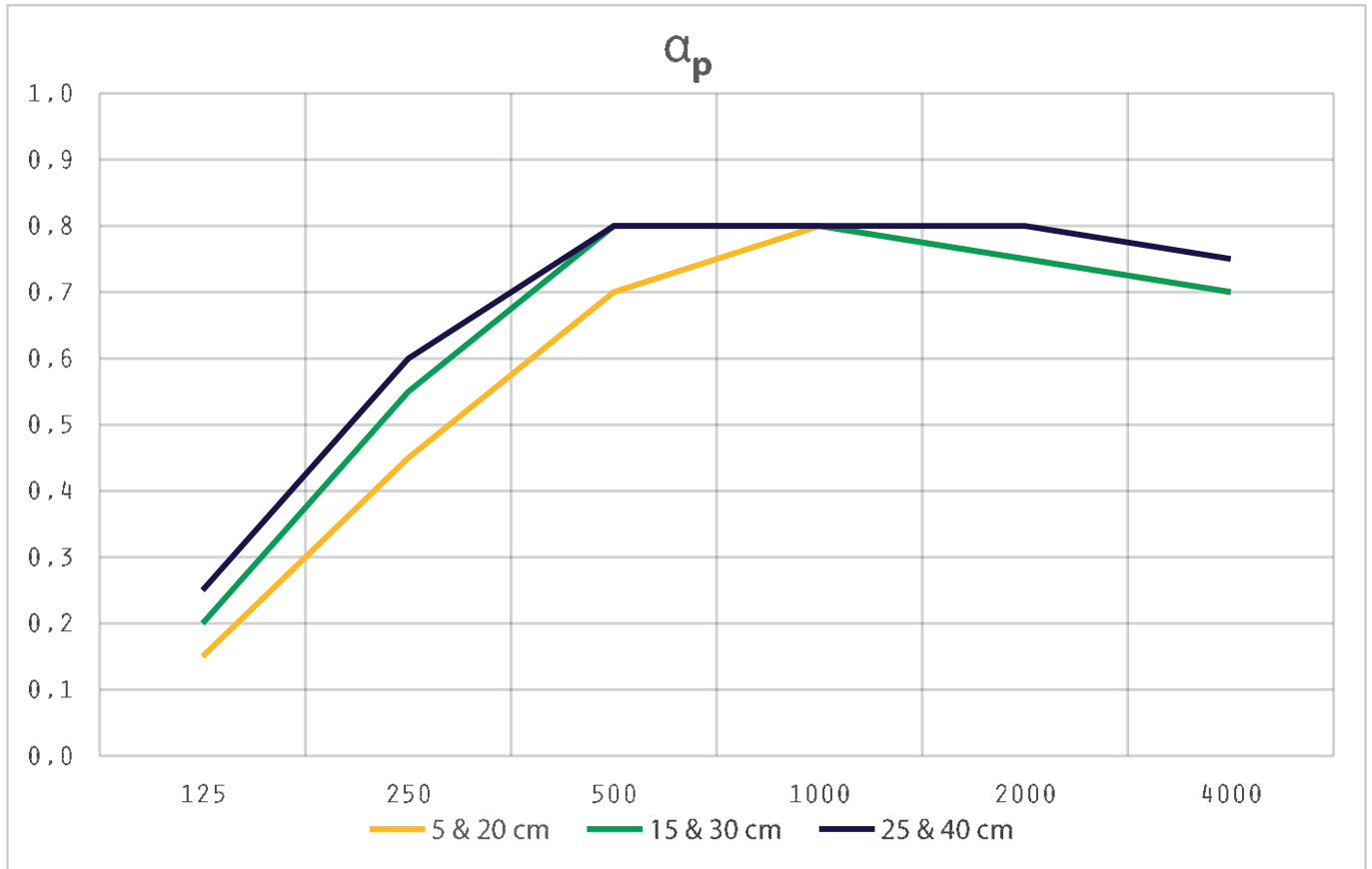
MADE TO MEASURE

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



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 α_w 0,50	ISO 11654 α_w 0,55	ISO 11654 α_w 0,55	ISO 11654 α_w 0,55

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



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 α_w 0,70	ISO 11654 α_w 0,80	ISO 11654 α_w 0,80