

SONOMESH



An all-round material combining sound absorption with strength, flexibility and durability.

SPECIFICATIONS

Item	Width	Length	Weight	Composition
1750	270 cm	± 40 m	620 g/m ²	73% PVC + 27% PES

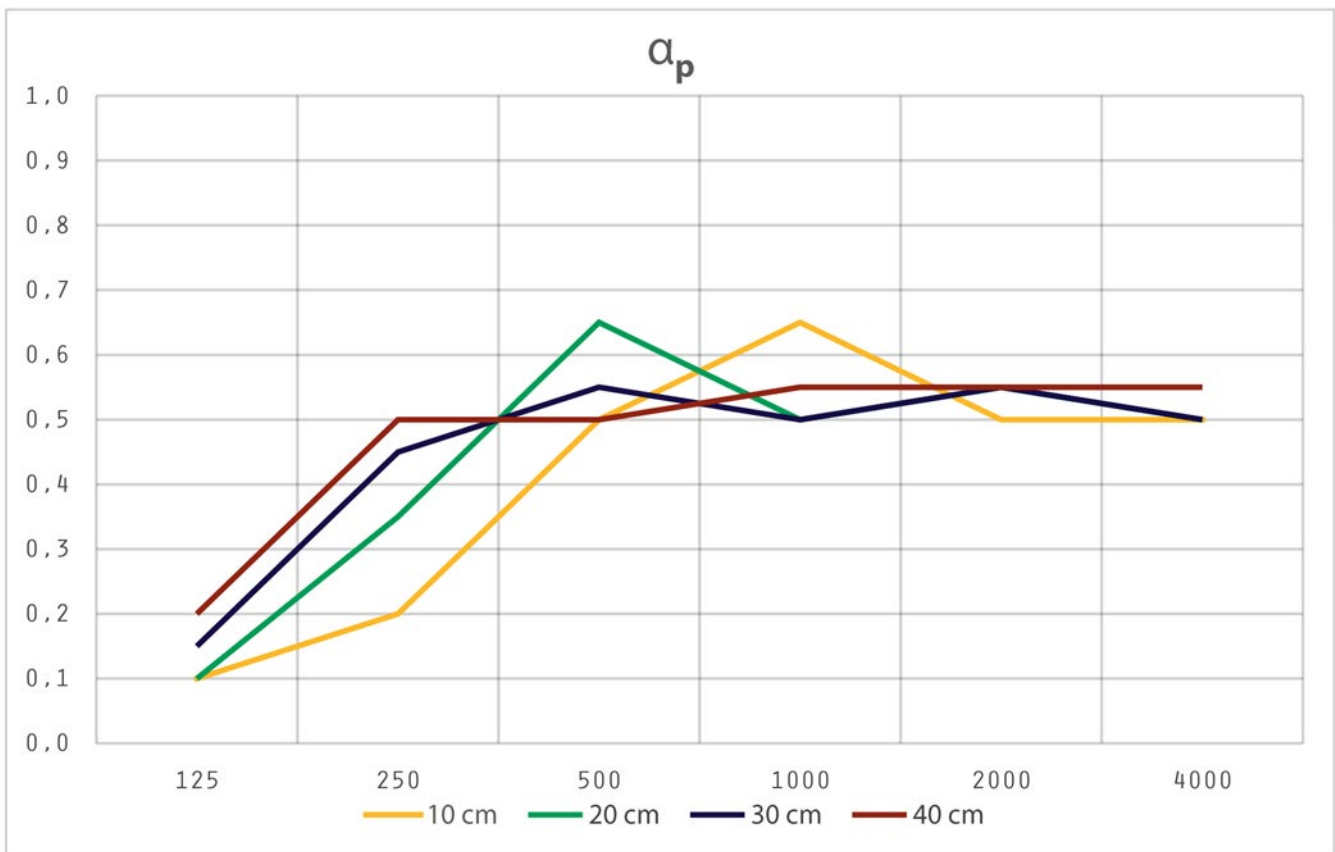
FR standard		
DIN 4102 / B1	EN 13501-1 / B-s2, d0	NFPA 701 / pass

Impact resistance	Tear strength	Tensile strength
EN 13964 Class 1A	DIN 53.363 Warp: 25 N / Weft 25 N	EN ISO 1421 Warp: 250 N / Weft: 220 N

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SOUND ABSORPTION

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

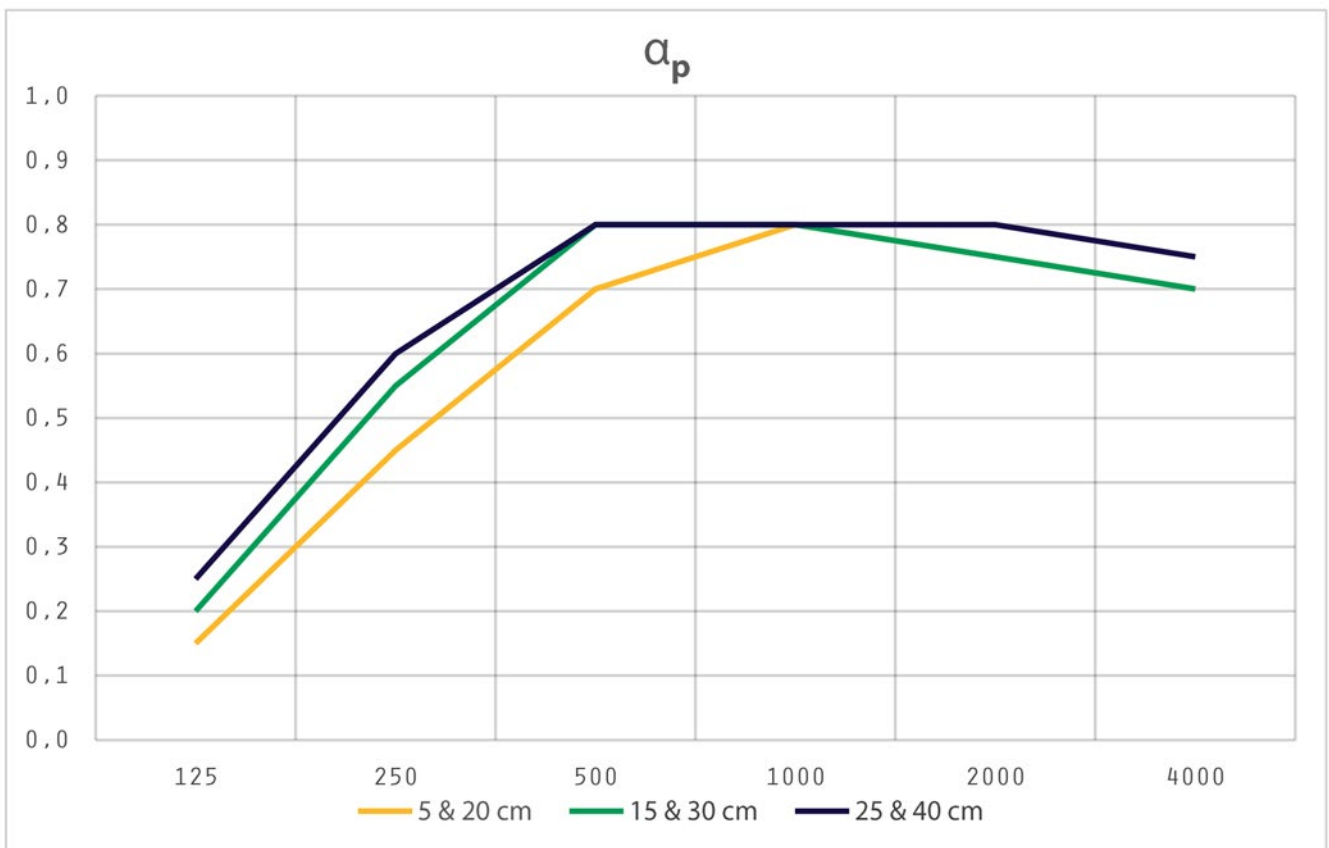


Single layer • According to EN ISO 354

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SOUND ABSORPTION

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



Double layer with 15 cm gap • According to EN ISO 354

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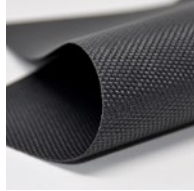
AVAILABLE COLOURS



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