

SONOMESH PRINT

TECHNICAL DATA SHEET

July 2021

A durable and sound-absorbing material featuring stunning print results! Strong, flexible and easy to maintain. Insensitive to moisture and chlorine, making it perfectly suited for humid settings.

» ARTICLE CODE	» WIDTH	» LENGTH	» WEIGHT
3848 0270 0003	270 cm	± 40 m	620 g/m ²

» COMPOSITION
73% PVC / 27% PES

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

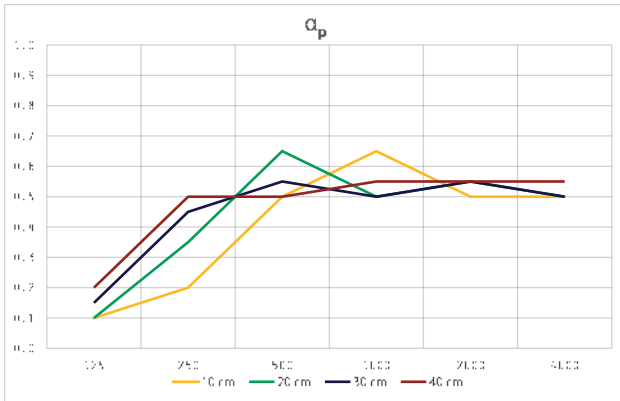
» TENSILE STRENGTH	» TEAR STRENGTH	» IMPACT RESISTANCE	» COLOUR FASTNESS TO CHLORINATED WATER
EN ISO 1421	DIN 53.363	EN 13964	EN ISO 105 - E03:2010
Warp: 250 N / Weft: 220 N	Warp: 25 N / Weft 25 N	Class 1A	note 4

» **PRINTED WITH OUR OWN DESIGN**

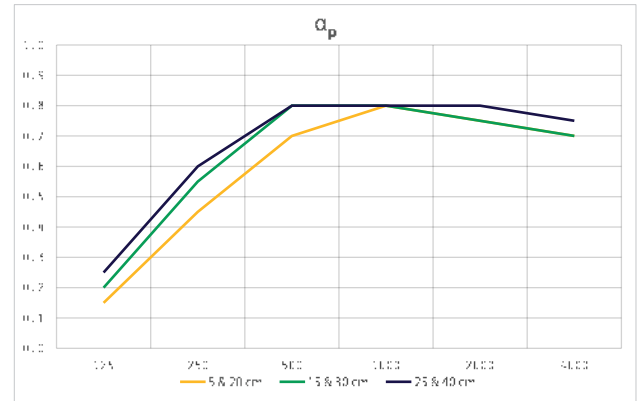


» **SOUND ABSORPTION ACCORDING TO EN ISO 354**

SINGLE LAYER SETUP



DOUBLE LAYER SETUP



» **SINGLE LAYER**

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**

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