

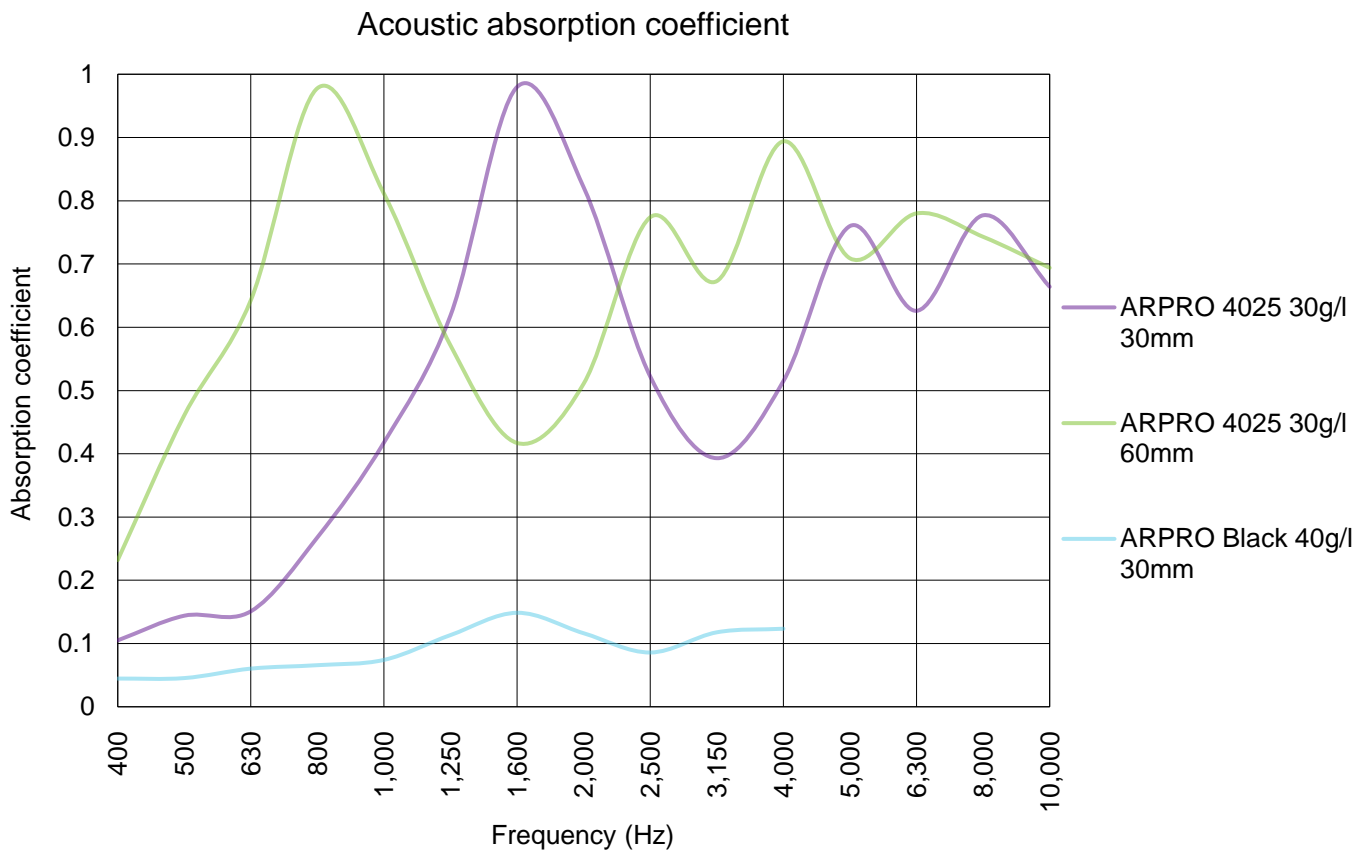
Acoustic performance

Test method: The method measures the sound absorption coefficient of materials in a 6.4m³ “Alpha-Cabin” according to automotive standards. The material surface exposed is 1.4m². Sound frequencies in the range of 400 to 10,000Hz are emitted and the level of reflected sound is registered. The absorption coefficient is calculated for each frequency.

Property	ARPRO grade	Test	Tested density (g/l)		
			30	40	50
Sound absorption coefficient at 1,250Hz	Black	“Alpha-cabin” 6.4m ³ – 30mm	-	0.11	-
	Porous 4025		0.62	0.67	-
	Porous 4036		-	0.72	0.86

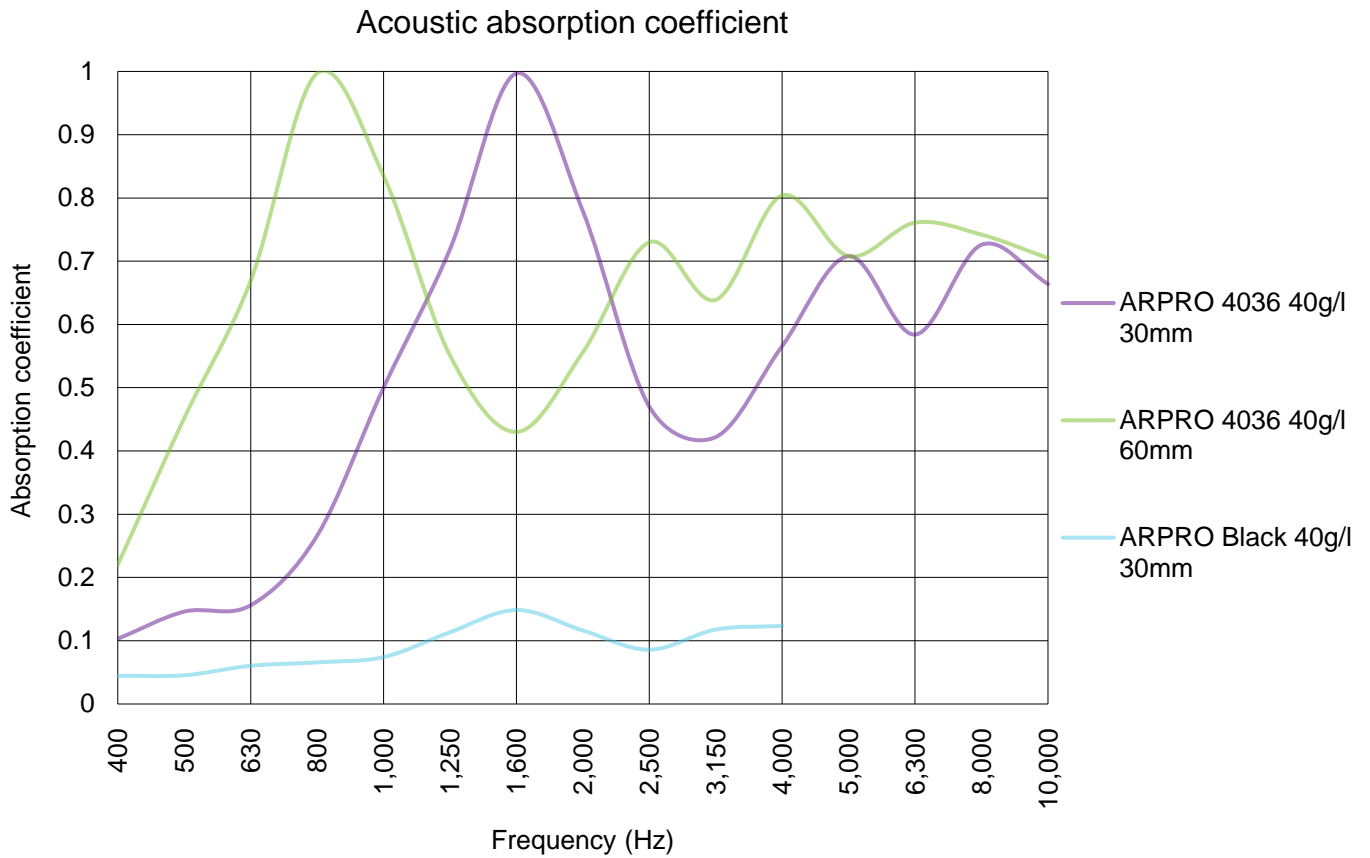
ARPRO is a good noise barrier material to avoid sound transmission.

ARPRO Porous is a highly effective noise absorber across a broad range of frequencies from 600 to 10,000Hz.



Version 02

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