

ACOUSTIC CURTAIN

Noise Reduction



KEY FACTS

- Up to 30dB reduction in noise
- High noise absorption
- Entirely manufactured from fire resistant materials
- Independently noise tested and certified to:
 - BS EN ISO 717-1 : 1997
 - BS EN ISO 345 : 2003
 - EN ISO 11654 : 1997
- Unique Velcro side connection for creating a seamless noise barrier
- Manufactured entirely from non-irritant materials

About

MEMS Acoustic Curtains are designed to reduce noise output from our temporary generators. Our entire fleet of temporary generators are supplied as standard with fully attenuated enclosures. However, we appreciate that certain customer applications require further sound attenuation, which is provided in the form of acoustic curtains.

			
Tracking and Telemetry	Remote Fuel Management	24 Hour Response Team	Disaster Recovery

Test Data*

Sound attenuation and absorption index at various Hz

Hz.	250	500	1250	2500	4000	5000	Rw
Reduction dB	18.8	22.8	22.5	27.5	31.1	32.9	24
Absorption α_s	0.46	0.7	0.96	0.83	1	0.98	0.70 α_s

Fire Ratings

Acoustic Vinyl Membrane	M2/B1/BS/B-s2-d0/NFPA701
Acoustic Core	Class 0
Acoustic Mesh Membrane	M2

* Ratings according to BS EN ISO 717-1 : 1997; BS EN ISO 345 : 2003; EN ISO 11654 : 1997
 * Stated noise reduction is subject to application

Dimensions

Height - 2050mm	Width - 1250mm
11.7kg Each	

Max Attenuation

18.8 dB @ 250 Hz	23.2 dB @ 1600 Hz
32.9 dB @ 5000 Hz	

Max Absorption

46% @ 250 Hz	93% @ 1600 Hz
98% dB @ 5000 Hz	

MEMS Sound Barriers for Enhanced Noise Reduction

The MEMS Acoustic Curtain is designed specifically to provide a high noise-absorbing acoustic product with excellent attenuation qualities. These are temporary acoustic screens for surrounding generators and other noise-emitting equipment or activities. MEMS can provide a full installation service fitting the acoustic curtains to temporary fencing or site hoardings and are ideally suited for short- and long-term solutions.

Each fire resistant curtain can be used to create any enclosure size to optimise acoustic performance. All curtains are uniquely constructed with velcro down either side to sure a seamless noise barrier. In addition to this, eyelets are positioned along the top and down both sides to enable safe and secure fixing.



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*Disclaimer: Specification may change without prior notice