



ACOUSTIZORB™ INSULATION

Description

AcoustiZorb™ Insulation is an advanced thermal and acoustic insulating material engineered for OEM and Appliance applications. The composition of AcoustiZorb™ Insulation varies, depending on the application, but consists of polymer designed to meet specific thermal, acoustic or structural requirements. In addition to the wide range of fiber blends, AcoustiZorb™ Insulation can be combined with films, foils, and scrims to further enhance its physical properties and does not contain any chemical binders.

AcoustiZorb™ Insulation is moldable, making it an alternative to traditional molding media.

Owens Corning can provide AcoustiZorb™ Insulation fabricated into die-cut parts. AcoustiZorb™ Insulation provides excellent dimensional stability and exceptional handling characteristics, resulting in a broad spectrum of applications. Current market applications include appliance, HVAC, among others.

AcoustiZorb™ Data:

ATTRIBUTE	RESULT
Flammability	Passes UL-94 HB & HF-1
Thermal Conductivity (Btu•in/hr•ft²•°F)	0.26 (A-33RW0U 485 GSM)
	0.24 (A-53VW0U 405 GSM)
	0.24 (A-33RW0F3 with facing 660 GSM)
Note: Based on ASTM C-518	
Weight Range	100 – 1500 gsm
Thickness Range	6 – 100 mm
Colors	White, Gray, Green and other colors available upon request

AcoustiZorb™ Applications:

- Clothes Dryer
- Clothes Washer
- Dishwasher
- Water Heater
- Vacuum Cleaner
- HVAC
- Other Appliance Applications

AcoustiZorb™ Materials Available:

- A-33RW0U
- A-33RW0F3
- A-33RC3F3
- A-36RW0F3
- A-36RC3F3
- A-43RG3U
- A-43RG3F5
- A-53VW0U
- A-56RW0U
- A-53VW0F5

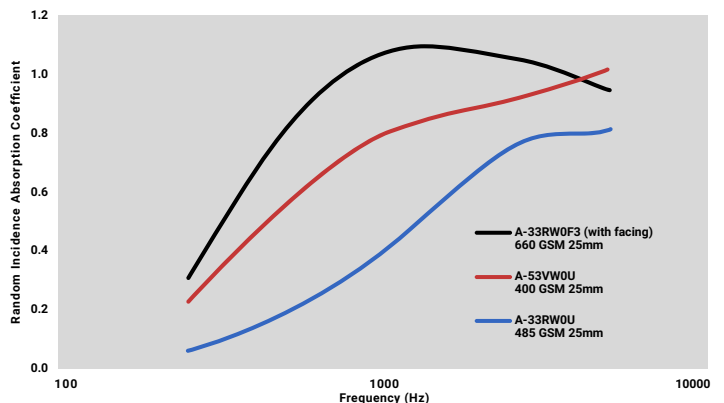
Note: Some blends include recycled content, for more information please reach out to your Owens Corning representative.

Applications

AcoustiZorb™ Insulation has a unique construction and offers the following attributes:

- Cost-effective custom solution
- Soft and non-irritating material
- Commercially odorless
- Exceptional acoustic absorption
- Excellent flammability rating
- High flexibility
- Fungal resistant

AcoustiZorb™ Acoustic Graph



AcoustiZorb™ Acoustic Data

PRODUCT	FREQUENCY (Hz)					
	250	500	1000	2500	5000	NRC
A-33RW0U 485 GSM 25mm	0.06	0.19	0.4	0.76	0.81	0.33
A-53VW0U 400 GSM 25mm	0.23	0.56	0.8	0.92	1.01	0.62
A-33RW0F3 (with facing) 660 GSM 25mm	0.31	0.82	1.08	1.06	0.95	0.82

Note: Based on test method ASTM C-423

For more information visit our appliance website

<https://www.owenscorning.com/en-us/insulation/commercial/oc-appliance>

OWENS CORNING INSULATING SYSTEMS, LLC
ONE OWENS CORNING PARKWAY
TOLEDO, OH 43659 USA

1-800-GET-PINK®
www.owenscorning.com