

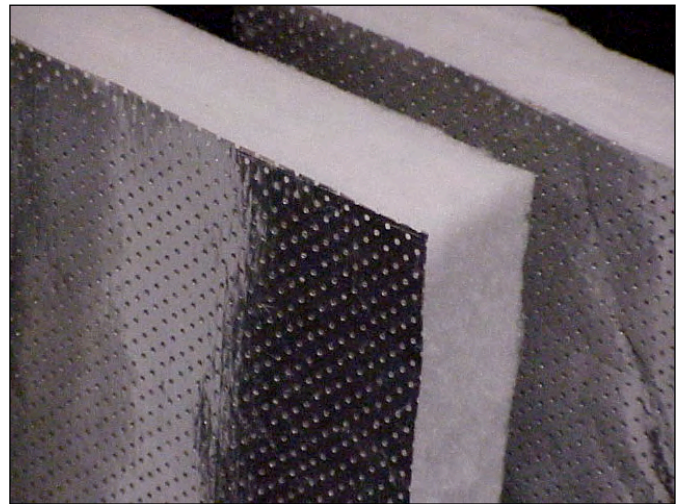


ACOUSTIC RIGID DUCT (ARD) Thermal & Acoustic Duct Lining

Acoustica® Rigid Duct (ARD) is lightweight, high density acoustic/thermal insulating material, manufactured from thermally bonded polyester with perforated foil laminated to one side.

Acoustica® Rigid Duct (ARD) is used for internal lining of rigid duct work and air conditioning plenums, to provide excellent noise absorption and thermal insulation in ducting.

ARD reduces sound transfer from fans, motors and air turbulence within the duct to external sources and reduces the sheet metal clicking and popping noises caused by expansion, contraction and vibration.



Acoustica® Rigid Duct (ARD) has been tested for Random Incidence Sound Absorption by the University of Auckland (Acoustic Testing Service in Reverberation Chamber C) with the following results:

Acoustica® Rigid Duct (ARD) thermal insulation properties ensures supply air meets its desired temperature at its destination.



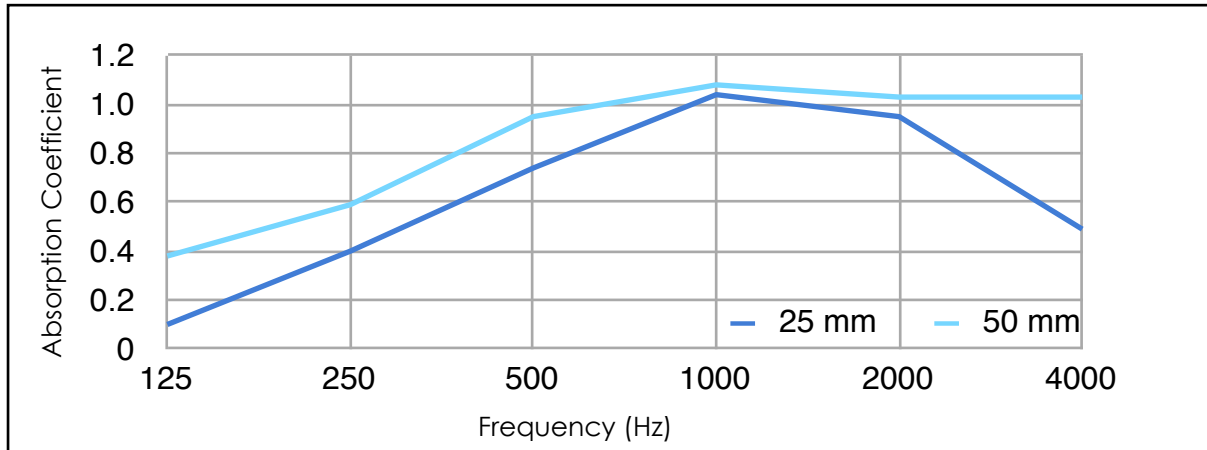
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Thermal Conductivity:

- 0.042 w/moC at 10°C mean
- 0.045 w/moC at 24°C mean
- 0.048 w/moC at 38°C mean



Acoustica® Rigid Duct (ARD), with a durable perforated foil facing (approx 22% open area), is suitable for ducting environments with rated velocities to 50 m/sec when installed in accordance with the directions.

Completely safe to use, Acoustica® Rigid Duct (ARD) is environmentally friendly, safe and clean to handle, with no fibre migration. ARD is fire safe and rated to Australian and international fire standards are follows:

- Ignitability Index (0-20) = 0
- Spread of Flame (0-10) = 0
- Heat Evolved Index (0-10) = 0
- Smoke Developed Index (0-10) = 0-2

Acoustica® Rigid Duct (ARD) comes in the following sizes:

- ARD 35-25 (25mm with perforated foil)
- ARD 35-50 (50mm with perforated foil)

