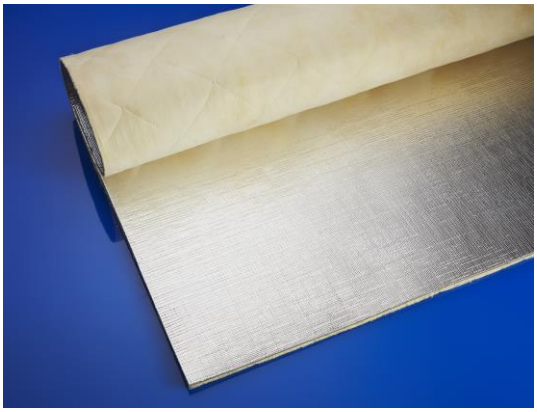
Sonalag AF10

{ Acoustic Pipe Lagging Sheet

A SOUND REDUCTION SYSTEMS PRODUCT



Key Benefits:

- Constructed from Class 0 aluminium foil, acoustic barrier and fibreglass quilt.
- Easy to handle, cut and shape.
- High acoustic insulation and sound dampening performance.
- Manufactured using recycled content.
- Free of lead, unrefined aromatic oils and bitumen.

Sonalag AF10 is designed to improve the sound insulation performance of existing panels of metal, wood, plastic etc. and reduce noise breakout from pipes and ductwork, at all frequencies. Sonalag AF10 is normally fixed in direct contact with the panel/pipe/duct and secured using bands of aluminimum tape. The material is soft and flexible to give excellent conformability to existing structures .

Technical Data:

Description	Data	Unit	Tolerance	Test Method
Apparent Density	570	Kg/m^3	±10%	DIN EN 1602
Reaction to Fire	Class O	-	-	BS 476 Parts 6&7
Nominal Weight	10.54	Kg/m^2	±10%	-
Nominal Thickness	18.5	mm	±20%	-
Static Operating Temp Range	-20 - +93 (short exposures at extremes)	°C	-	Internal
Colour	Silver/yellow (front/back)	-	-	-
Finish	Aluminium foil face	-	-	-
Roll Dimensions	2000 x 1200	mm	-	-

Fibreglass Data:

Temperature (°C)	0	10	50	100	150	200	DIN EN 12667
Thermal Conductivity W/mK	0.033	0.034	0.042	0.053	0.065	0.079	

Acoustic Data:

Frequency (Hz)	63	125	250	500	1000	2000	4000	R_w (dB)	Average SRI (dB)	Data from BS EN ISO 10140-2:2010
R (dB)	17.8	17.6	22.1	43.6	54.3	58.3	62.8	38	40	

Storage:

Sonalag AF10 should only be stored on site if the building has been sealed and is completely dry.

Cutting:

Sonalag AF10 can be cut and shaped using a sharp trimming knife.

Handling:

Please exercise caution when lifting and installing Sonalag AF10. The HSE can provide information and guidance on the lifting and handling of heavy goods www.hse.gov.uk

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