

Aluminium foil

Whether your requirement is for HVAC, electronics, automotive or aerospace, a Scapa foil can offer the solution.

Scapa aluminium foil tapes, with their range of different thicknesses and performance levels, offer a cost-effective solution to improve efficiency and guarantee reliable performance in a wide range of applications.

- Closure of soft and rigid air duct insulation in HVAC applications
- Insulation of boiler cases, high-pressure steam pipe insulation etc.
- Chimney fittings and repair
- Applications requiring detection by photoelectric equipment
- Jointing of thermo-acoustic panels
- Galvanising and aeroplane / automotive painting and refinishing
- For masking during sandblasting and powder finishing
- Fixing of coils to refrigerator panels to maximise cold efficiency
- For applications requiring a heat reflector
- For splicing, jointing and repair of thin aluminium sheeting / structures

Scapa aluminium foil tapes offer:

- Softness and conformability for ease of use in application
- Good waterproof sealing abilities
- Linerless products for increased speed and ease of use
- Good chemical resistance
- High temperature performance products
- Aluminium appearance to match air ducts and aluminium structures for low visibility repairs and insulation
- Excellent adhesion levels
- Variety of thicknesses for personal and application preferences
- Products to meet specific specifications for fire retardancy, including UL and BS
- Easy tear products



Aluminium foil solutions

Scapa aluminium foil solutions

Product	Description	Total thickness (mm)	Tensile strength (N/cm)	Operating temperature	Peel adhesion (N/cm)		Additional Information
					Steel	Backing	
330	Linerless soft, 75µ aluminium foil, with acrylic adhesive	0.13	35	-35°C to +150°C	4	2.5	Good chemical resistance. Masking for automotive body painting – Masking for aeroplane painting and refinishing – Masking during sandblasting and powder finishing – Temporary repair of aluminium structures – Attachment of wiring and instrumentation on equipment during space flight simulation.
330D	Linerless soft, 75µ aluminium foil, with acrylic adhesive	0.14	35	-35°C to +105°C	4.5	3.5	Good mechanical resistance. Temporary masking during galvanisation – Masking for aeroplane painting and refinishing – Temporary repair of aluminium structures – Attachment of wiring and instrumentation on equipment during space flight simulation – Photoelectric detection – Splicing of thin aluminium sheeting.
331E	Soft aluminium foil 25µ, with liner and acrylic adhesive	0.065	13.5	-20°C to +110°C	10	8	Very soft and conformable. Closing insulation material around rigid air conducting ducts – Double glazing – Heat deflector – Photoelectric detection.
333	Soft aluminium foil 36µ, with liner and acrylic adhesive	0.07	18	-20°C to +110°C	4.5	5	Soft and conformable. Closing insulation material around rigid air conducting ducts – Photoelectric detection – Heat deflector.
335	Soft aluminium foil 46µ, with liner and acrylic adhesive	0.08	25	-20°C to +110°C	5	5.5	Flame retardant (French Classification: M1) – UL 723 approved. Closing insulation material around rigid air conducting ducts – Heat deflector – Photoelectric detection.
336	Soft aluminium foil 46µ, with liner and acrylic adhesive	0.11	25	-20°C to +155°C	6	6.5	Flame retardant (Class 1 – UL181) Insulation of heater casings for home heating units – High pressure steam pipe insulation – Heat deflector.
337	Soft aluminium foil 28µ, with liner and acrylic adhesive	0.054	15	-20°C to +110°C	6.8	8	Flame retardant (Class B1, DIN 4102 - Class 1 - BS476 Pt 7) - UL723 approved Closing insulation material around rigid air conducting ducts – Photoelectric detection – Heat deflector.
343	Linerless soft, 38µ aluminium foil, with acrylic adhesive	0.065	18	-20°C to +110°C	4.5	N/A	Good mechanical resistance. Closing insulation material around rigid air conducting ducts – Double glazing – Heat deflector – Photoelectric detection.
874	Aluminium foil + glass scrim with aggressive acrylic adhesive	0.15	10	-20°C to +110°C	N/A	N/A	Excellent mechanical and tear resistance. Sealing and finishing of insulation ducts – Maintains neat appearance of ducting.
875	Aluminised adhesive film 30µ with aggressive acrylic adhesive	0.06	30	-10°C to +110°C	7	N/A	Very aggressive and durable adhesive system. Splicing and repairing thin thermal reflective insulation panels.

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