



a Mativ
Brand

High Performance Foil Solutions

For HVAC Applications

Foil Solutions

Developed specifically to meet the stringent demands of the HVAC (Heating, Ventilation, Air Conditioning) market Scapa Industrial improved portfolio of aluminium foil tapes offers the versatile characteristics to tackle a range of applications including the sealing of air ducts to heat deflection and repair. With resistance to fire, moisture and many chemicals, Scapa Industrial's range includes high performance professional, specialist products and multi-purpose products, in a variety of thicknesses. With features like conformability and easy tear, our key product grades now feature an improved cold weather adhesive

system, exhibiting high initial tack, excellent low and high temperature resistance and high adhesion to a range of surfaces. Scapa Industrial's aluminium foil tapes are water resistant and offer a total vapour barrier making them ideal for building professionals who arelooking for a consistent quality sealing solution. In addition to construction, our aluminium foil TECH grade products have all been designed for specialist applications from aerospace, automotive and glazing, exhibiting the premium performance and characteristics required in these exacting market segments.

What Grade of Tape Do I Need?



Use TECH-grade products when you are looking for a more technical application or a performance requirement that needs specific characteristics.
CW874 and 336: Specialist products for technical applications.



Use PRO products when you want professional grade, high quality performance tapes in a range of thicknesses to suit different applications.
CW30, CW40, CW50 - Professional grade, quality tapes in various thicknesses.



Use MULTI products when you want good value basic grades for general and all purpose HVAC applications.
331E - Great value basic grade for general purpose applications

Find the Right Product for Your Application


| Product category | CW874 | 336 | CW30 | CW40 | CW50 | 331E |
|-----------------------------------------------------|-------|-----|------|------|------|------|
| Heat deflector | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Closing rigid air duct insulation | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Vapour seal for sheet metal ducts | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| General jointing & sealing in HVAC | ✓ | | ✓ | ✓ | ✓ | ✓ |
| Chimney flues, fitting & repair | | ✓ | | | | |
| General holding & fixing | | | ✓ | ✓ | ✓ | ✓ |
| Sealing cold store insulation | ✓ | | ✓ | ✓ | ✓ | ✓ |
| Insulation of heater casings | | ✓ | | | | |
| Joining foil faced glass fibre or duct board joints | ✓ | | ✓ | ✓ | ✓ | |


Features & Benefits


| Product category | CW874 | 336 | CW30 | CW40 | CW50 | 331E |
|-------------------------------------------------------------------|-------------------------------|---------------|-----------------------------------------------------------------|------|------|---------|
| Adhesive type | Cold weather acrylic adhesive | Acrylic | Cold weather acrylic adhesive | | | Acrylic |
| Aluminium foil thickness - microns | 43 | 46 | 30 | 40 | 50 | 25 |
| Specifications | Fire class M1, EN 45545-2 | Fire class M1 | BS476 Part 6 & 7 Category 1, Class O; Fire Class M1, DIN4102-A2 | | | - |
| Siliconised easy release paper liner | Yes | | | | | |
| Hand tearable | No | Yes | Yes | | | |
| Initial tack | *** | ** | *** | | | ** |
| Mechanical resistance | **** | *** | * | ** | *** | * |
| Neat silver appearance to blend with ducting (HVAC) | *** | | | | | |
| Water vapour resistance | *** | N/A | *** | | | ** |
| Reflection of both heat and light | *** | | | | | |
| Adhesion at low temperatures | *** | ** | *** | | | ** |
| Adhesion at high temperatures | *** | **** | *** | | | ** |
| Strength | **** | *** | * | *** | ** | * |
| Ageing resistance (indoors and outdoors) | *** | | *** | | | * |
| Flame resistant | *** | **** | *** | | | ** |
| Soft and easy to conform around corners and on irregular surfaces | *** | | **** | *** | | **** |

Performance level * Lowest to Highest ****

Technical Information

| | ITEM | DESCRIPTION | SILICONISED PAPER LINER (Y/N) | TOTAL THICKNESS (MM) | ADHESION TO STEEL (N/25MM) | ELONGATION (%) | OPERATING TEMPERATURE (°C) | APPLICATION TEMPERATURE (°C) |
|---------------------------------------------------------------------------------------|-------|-------------------------------------------------------------------------------|-------------------------------|----------------------|----------------------------|----------------|----------------------------|------------------------------|
|  | CW874 | High performance, cold weather adhesive, reinforced aluminium foil scrim tape | Y | 0.083 | 15 | 3 | -35°C to +120°C | -20°C to +40°C |
| | 336 | High temperature, acrylic adhesive, 46 micron soft aluminium foil | Y | 0.10 | 15 | 5 | -20°C to +155°C | +10°C to +40°C |

| | ITEM | DESCRIPTION | SILICONISED PAPER LINER (Y/N) | TOTAL THICKNESS (MM) | ADHESION TO STEEL (N/25MM) | ELONGATION (%) | OPERATING TEMPERATURE (°C) | APPLICATION TEMPERATURE (°C) |
|---------------------------------------------------------------------------------------|------|------------------------------------------------------------------------------|-------------------------------|----------------------|----------------------------|----------------|----------------------------|------------------------------|
|  | CW30 | High performance, cold weather adhesive, 30 micron, soft aluminium foil tape | Y | 0.07 | 15 | 3 | -35°C to +120°C | -20°C to +40°C |
| | CW40 | High performance, cold weather adhesive, 40 micron, soft aluminium foil tape | Y | 0.08 | 15 | 3 | -35°C to +150°C | -20°C to +40°C |
| | CW50 | High performance, cold weather adhesive, 50 micron, soft aluminium foil tape | Y | 0.09 | 15 | 3 | -35°C to +150°C | -20°C to +40°C |

| | ITEM | DESCRIPTION | SILICONISED PAPER LINER (Y/N) | TOTAL THICKNESS (MM) | ADHESION TO STEEL (N/25MM) | ELONGATION (%) | OPERATING TEMPERATURE (°C) | APPLICATION TEMPERATURE (°C) |
|---------------------------------------------------------------------------------------|------|------------------------------------------------------------------------|-------------------------------|----------------------|----------------------------|----------------|----------------------------|------------------------------|
|  | 331E | General purpose, 25 micron, soft aluminium foil with acrylic adhesive. | Y | 0.065 | 25 | 2.5 | -20°C to +110°C | -10°C to +40°C |

- All Scapa aluminium foil tape are REACH compliant.
- All Scapa aluminium foil tapes should be applied to clean and dry surfaces, and stored in temperatures no lower than -5°C.
 - If the tapes are left overnight in a cold storage area, it is recommended that they will need time to warm up before application.

Here for you, and for your customers' needs.

Global Perspective

Process Friendly

Global Service

Cost Effective

High Performance

Consistent Quality

Tailor-made R&D

Local Service

For additional information, please contact your
Sales Manager or Scapa Industrial Customer Care

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