



High Performance Foil Solutions  
for HVAC and Industry



## Foil Solutions

Developed specifically to meet the stringent demands of the HVAC (Heating, Ventilation, Air Conditioning) market Scapa's 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's range includes high performance professional, specialist products and multi-purpose products, in a variety of thicknesses.

With excellent 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. All Scapa aluminium foil tapes are water resistant and offer a total vapour barrier making them ideal for building professionals who are looking for a consistent quality sealing solution.

In addition to construction, our aluminium foil TECH 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.

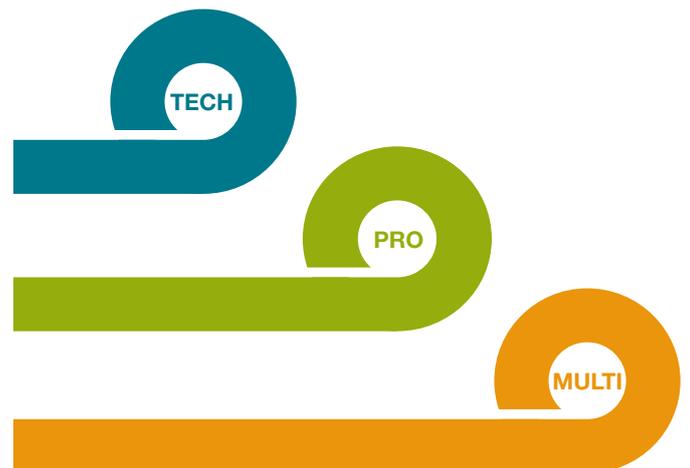


## What grade of tape do I need?

Specialist products for technical applications or with specific characteristics - **CW874 / 330 / 330L / 336**

Professional grade, quality tapes in 30, 40 and 50 micron foil thicknesses - **CW30 / CW40 / CW50**

Great value basic grade for general purpose applications - **331E**

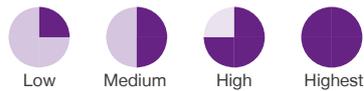


# FIND THE RIGHT PRODUCT FOR YOUR APPLICATION

Heat deflector	Closing rigid air duct insulation	Masking during sandblasting, etc.	Electro plating of metal sheeting	Vapour seal for sheet metal ducts	Temporary repair of aluminium structures	General jointing & sealing in HVAC	Splicing of thin aluminium sheeting	Chimney flues, fitting & repair	General holding & fixing	Sealing cold store insulation	Insulation of heater casings	Masking for auto body & aircraft painting	Joining foil faced glass fibre or duct board joints	Detection of photoelectric equipment	Tear repair and masking on aircraft wings
CW874 330 330L	CW874 336	330	330L	CW874 336	330	CW874	330	336		CW874	336	330	CW874	330	330L
CW30	CW30			CW30		CW30			CW30	CW30			CW30		
CW40	CW40			CW40		CW40			CW40	CW40			CW40		
CW50	CW50			CW50		CW50			CW50	CW50			CW50		
331E	331E			331E		331E			331E						

## PRODUCT FEATURES AND BENEFITS

	CW874	330	330L	336	CW30	CW40	CW50	331E
Adhesive type	Cold weather acrylic adhesive	Acrylic			Cold weather acrylic adhesive			Acrylic
Aluminium foil thickness - microns	43	75		46	30	40	50	25
Specifications	-			BS476 Part 6 & 7 Category 1, Class O; Fire Class M1, DIN4102-A2				-
Siliconised easy release paper liner	Yes	No	Yes		Yes			Yes
Hand tearable	No	Yes			Yes			Yes



	CW874	330	330L	336	CW30	CW40	CW50	331E
Initial tack	High	High	High	High	Low	High	High	High
Mechanical resistance	Highest	Highest	Highest	High	Low	High	High	High
Neat silver appearance to blend with ducting (HVAC)	High	High	High	High	High	High	High	High
Water vapour resistance	High	N/A	N/A	N/A	High	High	High	High
Reflection of both heat and light	High	High	High	High	High	High	High	High
Adhesion at low temperatures	High	High	High	High	High	High	High	High
Adhesion at high temperatures	High	Highest	Highest	Highest	High	High	High	High
Strength	Highest	High	High	High	High	High	High	High
Ageing resistance (indoors and outdoors)	High	High	High	High	High	High	High	High
Flame resistant	High	High	High	Highest	High	High	High	High
Soft and easy to conform around corners and on irregular surfaces	High	High	High	High	Highest	High	High	Highest

# TECHNICAL INFORMATION

## FOIL RANGE - TECH

Use **TECH** products when you are looking for a more technical application or a performance requirement that needs specific characteristics.

Product	Description	Siliconised paper liner (Y/N)	Total thickness (mm)	Adhesion to steel (N/25mm)	Elongation (%)	Operating temperature (°C)	Application temperature (°C)
<b>CW874</b>	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
<b>330</b>	Specialist, linerless high performance 75 micron, soft aluminium foil tape.	N	0.13	10	5	-35°C to +150°C	+10°C to +40°C
<b>330L</b>	Specialist, high performance 75 micron, soft aluminium foil tape.	Y	0.13	12.5	5	-35°C to +150°C	+10°C to +40°C
<b>336</b>	High temperature, acrylic adhesive, 46 micron soft aluminium foil.	Y	0.10	15	5	-20°C to +155°C	+10°C to +40°C

## FOIL RANGE - PRO

Use **PRO** products when you want professional grade, high quality performance tapes in a range of thicknesses to suit different applications.

Product	Description	Siliconised paper liner (Y/N)	Total thickness (mm)	Adhesion to steel (N/25mm)	Elongation (%)	Operating temperature (°C)	Application temperature (°C)
<b>CW30</b>	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
<b>CW40</b>	High performance, cold weather adhesive, 40 micron, soft aluminium foil tape.	Y	0.08	15	3	-35°C to +120°C	-20°C to +40°C
<b>CW50</b>	High performance, cold weather adhesive, 50 micron, soft aluminium foil tape.	Y	0.09	15	3	-35°C to +120°C	-20°C to +40°C

## FOIL RANGE - MULTI

Use **MULTI** products when you want good value basic grades for general and all purpose HVAC applications.

Product	Description	Siliconised paper liner (Y/N)	Total thickness (mm)	Adhesion to steel (N/25mm)	Elongation (%)	Operating temperature (°C)	Application temperature (°C)
<b>331E</b>	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.

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