

foam techniques Ltd

Acoustic Solutions



&
Sound Advice

Converters of Polyurethane Foam, Expanded Polyethylene, Rubber and Allied Products

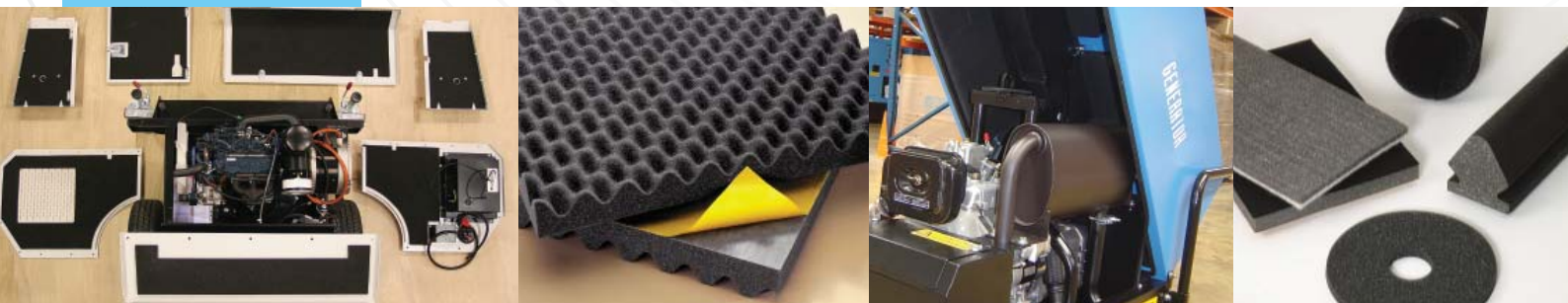
Welcome

Welcome to “ACOUSTIC SOLUTIONS” our latest raw materials brochure from FOAM TECHNIQUES LTD covering our Sound Insulation range of raw materials

With over 25 years experience in helping reduce noise levels, along with [Sound Advice](#), Foam Techniques offer a comprehensive range of acoustic foams, anti-vibration and damping materials to resolve almost any noise problem and to meet any budget.

Tailored products are produced and designed to suit your expectations in order to meet ever changing legislation and ever reducing noise levels covering a wide cross section of industries from:

- ❖ Rail
- ❖ Marine
- ❖ Acoustic Enclosure/Gen set
- ❖ Automotive
- ❖ Off road
- ❖ Audio
- ❖ Bus & Truck
- ❖ White goods
- ❖ Heating & Ventilating (HVAC)
- ❖ Air-conditioning
- ❖ Aerospace
- ❖ MOD




With factories based in two major economies-United Kingdom & India - both factories offer standard and bespoke insulation products in either, sheet, roll or cut shape format.

Technical advice is always available; please feel free to contact us for any help or advice that you may require.

Acoustic Foams and Barrier Materials

FOAMS

Six high performance acoustic foam qualities, offering unique sound absorption characteristics to satisfy almost any end application.

- 1) **FT-30FRS:**  Charcoal Grey Polyester, Polyurethane Foam with a density of 27-33kg/m³ with a uniform cell structure offering excellent sound absorption properties. Flame Retardant, compliant to UL94-HF1 and F.M.V.S.S. 302.
- 2) **FT-T30KW:**  Dark Grey Polyether, Polyurethane Foam with a density of 27-30kg/m³ with a uniform cell structure offering excellent sound absorption properties. Flame Retardant, compliant to UL94-HF1 and F.M.V.S.S 302.
- 3) **FT 70/0:**  Black Impregnated, Polyether, Polyurethane Foam with a density of 75-95kg/m³ with a uniform cell structure offering excellent sound absorption properties. Flame Retardant, compliant to BS476 Part 6: Class O, and BS476 Part 7: Class 1, UL94-HF1 and F.M.V.S.S 302.
- 4) **FT- 80AB:**  High Density Reconstituted PVC/Nitrile Foam with a density of 240kg/m³, with a unique uniform cell structure offering excellent sound absorption properties, particularly at low frequency. Flame Retardant, compliant to BS476 Part 7 Class 1, UL94-HF1, UL94-V0 (tested by Warrington Bodycote) and F.M.V.S.S 302.
- 5) **FT-11MW:**  White ultra light weight Melamine Foam, with a density of 11kg/m³, with a uniform cell structure offering excellent sound absorption properties. Flame Retardant, compliant to BS476 Part 6: Class O and BS476 Part 7: Class 1, UL94-HF1 and F.M.V.S.S 302.
- 6) **FT-11MG:**  Grey ultra light weight Melamine Foam, with a density of 11kg/m³, with a uniform cell structure offering excellent sound absorption properties. Flame Retardant, compliant to BS476 Part 6: Class O and BS476 Part 7: Class 1, UL94-HF1 and F.M.V.S.S 302.

Barrier and anti vibration sheet:

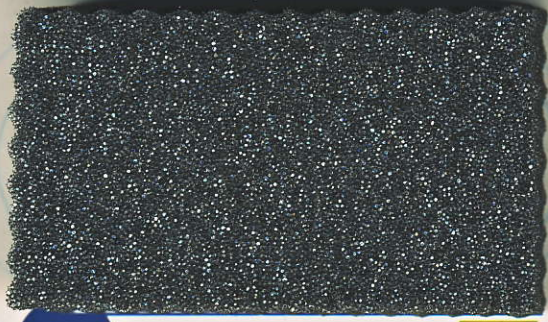
- 7) **FT-5KGB:** A mineral loaded isolation barrier material with a total weight of 5kg/m²
*Other weights available on request.
- 8) **FT-104:** An anti-vibration damping sheet with a nominal total weight of 1.5kg/m²

** FT-016 Self Adhesive is a high performance modified acrylic system and is protected with a high quality release paper. Other self adhesive systems to specific specifications are available upon request.

Note: The final suitability of our products for any intended use and application, is the responsibility of the end user.



The Acoustic Range



1

FT-30FRS



2

FT-T30KW



3

FT-70/O



4

FT-80AB



5

FT-11MW



6

FT-11MG



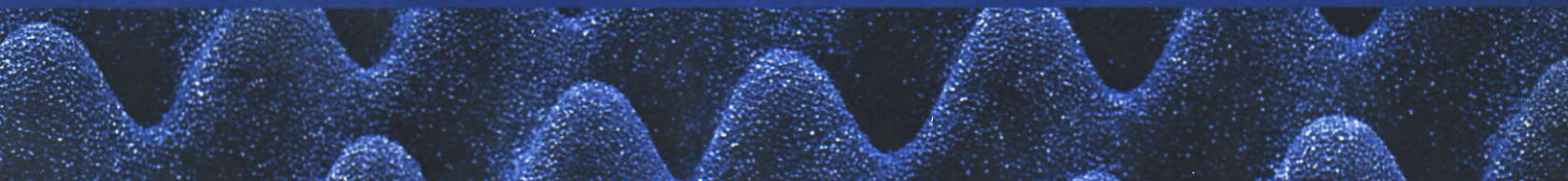
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FT-5KGB



8

FT-104



Acoustic Range Options



A PROFILED



B COMPOSITE



C PUF - POLYURETHANE FILM



D PERFORATED VINYL



E PVC



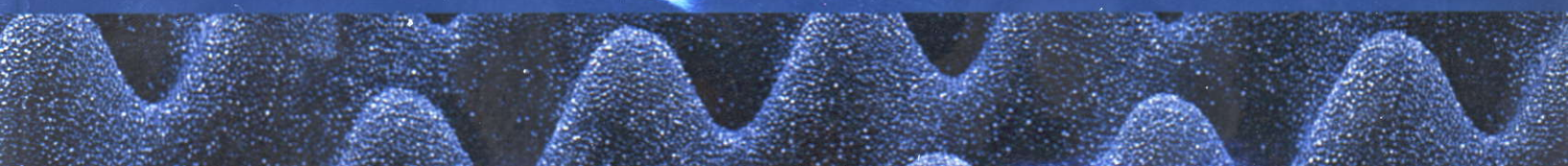
F FOIL



G SELF ADHESIVE (FT-016)



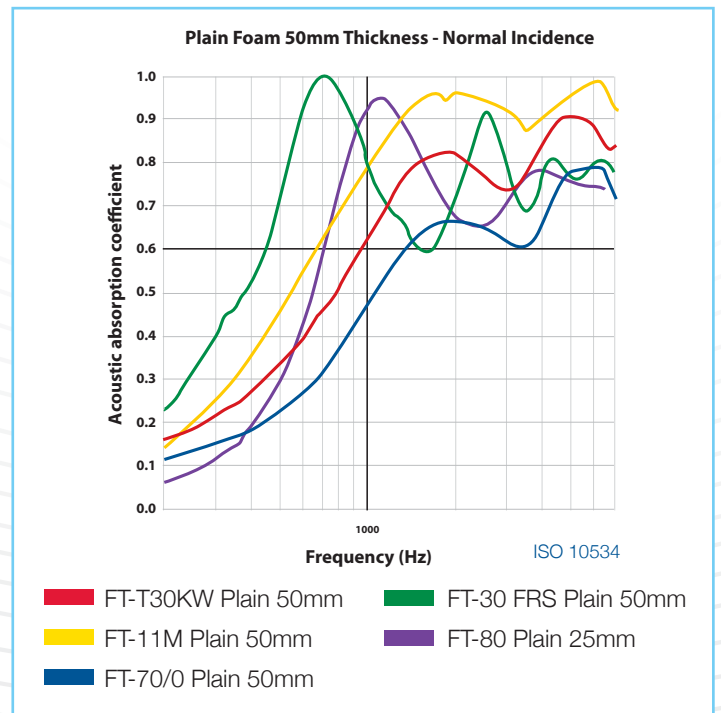
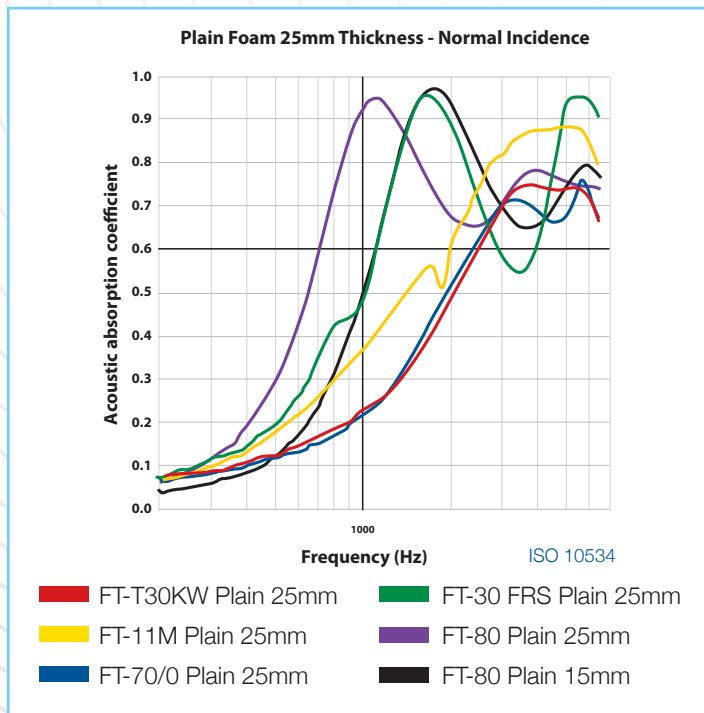
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Supply Format

	SHEET SIZE	THICKNESS	(A) Profiled	(B) Composite	(C) PUF	(D) Perforated Vinyl	(E) PVC	(F) Foil	(G) Self adhesive	(H) Woven
Acoustic Foams			A	B	C	D	E	F	G	H
1	FT - 30FRS	2.00m x 1.00m	from 3.00mm	Yes	Yes	Yes	Yes	Yes	Yes	Yes
2	FT - T30KW	2.00m x 1.00m 2.00m x 1.20m	from 3.00mm	Yes	Yes	Yes	Yes	Yes	Yes	Yes
3	FT - 70/0	2.00m x 1.00m 1.50m x 1.00m	from 3.00mm	Yes	Yes	Yes	Yes	Yes	Yes	Yes
4	FT - 80AB	2.00m x 1.00m	from 6.00mm	No	Yes	Yes	Yes	Yes	Yes	Yes
5	FT-11MW	2.50m x 1.25m 1.25m x 1.25m	from 3.00mm	Yes	Yes	Yes	Yes	Yes	Yes	Yes
6	FT 11MG	2.50m x 1.25m 1.25m x 1.25m	from 3.00mm	Yes	Yes	Yes	Yes	Yes	Yes	Yes

Barriers			A	B	C	D	E	F	F	G	
7	FT - 5KGB	2.00m x 1.00m 1.25m x 1.25m	2.70mm 2.70mm	No	Yes	Yes	Yes	No	Yes	Yes	Yes
8	FT - 104	2.00m x 1.00m 1.50m x 1.00m	1.00mm 1.00mm	No	Yes	Yes	Yes	No	Yes	Yes	Yes



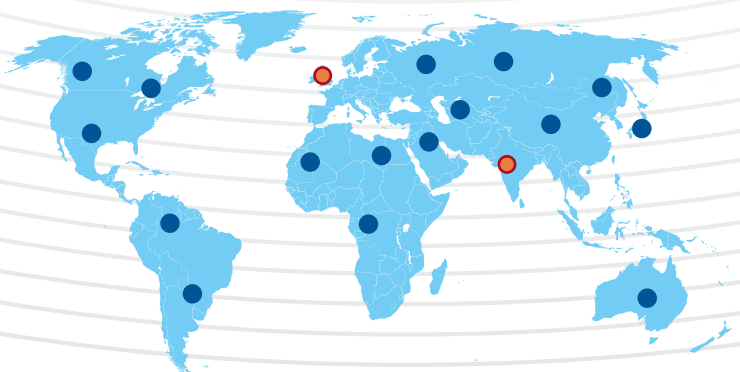
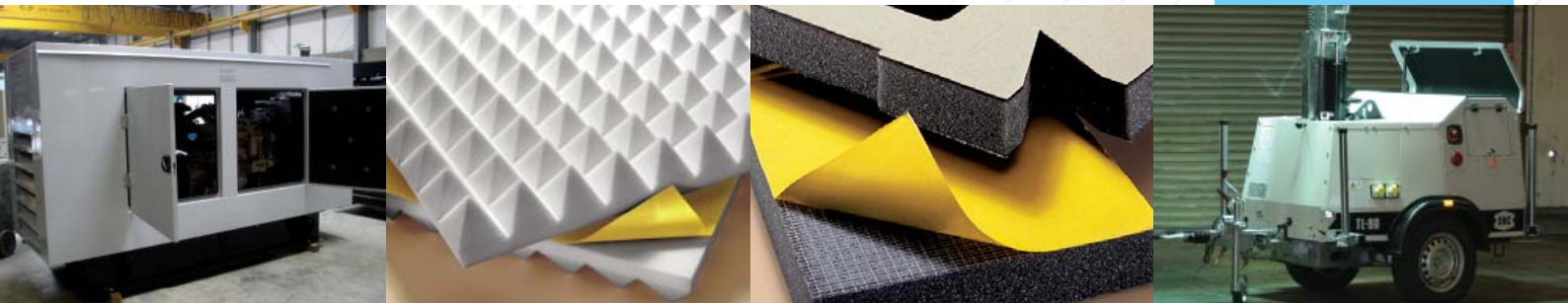
Installation

Our range of Acoustic Foams and Barrier Materials supplied with a high performance self adhesive backing, may be applied to most clean substrates. Always ensure the substrate is clean and free from dust, dirt, grease or fluids to ensure optimum bond strengths are achieved.

Some applications may need the support and assistance of mechanical fixings and pins, particularly large heavy acoustic panels and roof panels

All foam products are easy to work with and may be cut to shape with a sharp knife or blade. Please ensure protection is offered to the operator providing the cutting service.

UK Manufacturing Plant



Where you find us

- Key:
- Manufacturing Plants
 - Clients



foam techniques ltd

Applications

Marine



Aerospace



Bus and Truck



Off Road



Rail



Automotive



Audio



Enclosures



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