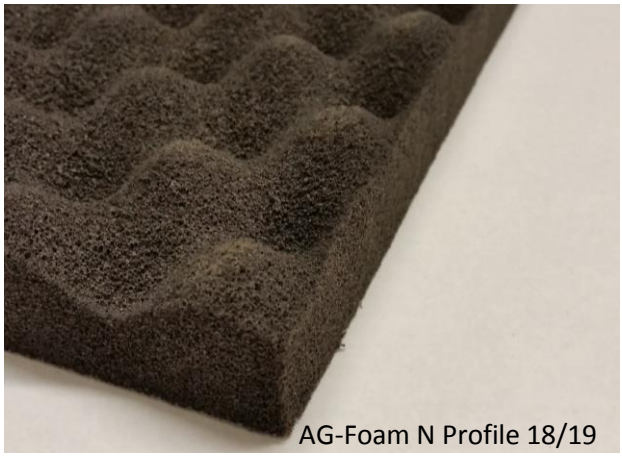
A.G.S Acoustic Materials Ltd

Suppliers of Noise Control Materials

AG-Foam N Convoluted (Egg Box) Data Sheet

1. Product

Product Name:	AG-Foam N
Description:	Black Class '0' Acoustic Foam with a convoluted/profiled face (Egg Box).



AG-Foam N Profile 18/19

2. Product Coding

AG-Foam N Profile18/19:	18mm thick base with a 19mm rise.

3. Sheet Size

Standard Untrimmed:	Approx. 2020 x 1250mm

4. Fire Rating

Regulations:	Building Regulations 1976 Section E15: Class '0' BS476 Part 6 BS476 Part 7

5. Applications

Due to its flexibility and low toxicity AG-Foam N is ideal for all forms of machinery cladding, enclosures, duct lagging, wall lining and screening.

6. Full Description

Description:	Class '0' rated open cell acoustic foam which is extremely flexible. AG-Foam 'N' will not melt or produce burning matter which in turn could ignite other materials in the vicinity. A high performance sound absorber which will produce a char barrier protecting the substrate from flame.
Density:	Approx. 90 Kg/m^3
Working Temp. Range:	-20°C to 70°C

7. Storage and Handling

Storage:	No special precautions are required.
Handling:	No special precautions are required. For repeated handling, gloves are advised.

8. Installation

Notes:	Can be supplied with a self adhesive backing (to be used as a fixing aid, not intended as a fixing method) and/or bonded to other acoustic materials.

9. Acoustic Performance

Absorption Coefficients: BS EN 20354 (BS3638): 1963

Thickness before profiling (***)	**Frequency**					
	125	**250**	**500**	**1000**	**2000**	**4000**
25mm (*)	0.06	0.12	0.22	0.35	0.47	0.58
25mm (**)	0.05	0.12	0.21	0.32	0.39	0.51
50mm (*)	0.1	0.25	0.44	0.61	0.7	0.72
50mm (**)	0.1	0.23	0.42	0.56	0.6	0.7

(*) Profile side away from noise source **(**) Profile side towards noise source**

(***) 25mm = 2mm base with 21 mm rise **50mm = 7mm base with 36mm rise**

FOR FURTHER DETAILS PLEASE
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