



AS Rubber & Plastics Limited

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Specification Sheet

AS703 Impregnated PU Foam

Description

AS.703 is a flexible open cell Polyurethane foam post treated with flame retardants, particulate fillers and a polymeric bonding agent, which offers a class "0" non -flammable fire performance and sound absorbing qualities.

Technical Data

Property

Density range:

Tensile strength (Newtons):

Elongation at break:

Erosion Resistance (ASTM C1071)

ASTM D-2020-92 Mildew (Fungus) Resistance

ASTM G21-96 Fungus Resistance Test

ASTM C1104-06 Water Vapour Sorption:

ASTM C518-04 Thermal conductivity:

ASTM C665-95 (Corrosiveness):

CFC Free:

Physical Properties

Value/Unit

>90kg/m³

70 Min.

90% Min.

6,000 ft/min.

Does not support growth

Does not support growth

<9%

0.32 Btu-in./ft²-hrF@6mm

Non-Corrosive

Yes

Flammability Characteristics

BS476 Part 5:

Non-Ignition

BS476 Part 6:

Fpi<12

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Continuation.....

BS476 Part 7:	Class "1"
BS476 Part 6 + Part 7:	Class "0"
ASTM E84-95:	Class "A"
UL94 Classification:	94-V-0
Francais Classification:	M1
Continuous Working Temp:	-30 to 100 C

Acoustic Performance

RANDOM INCIDENCE SOUND ABSORPTION, BS EN20354: 1993

FREQUENCY (Hz)	125	260	500	1000	2000	4000
ABSORPTION COEFFICIENT 25mm Thick	0.11	0.25	0.46	0.61	0.67	0.76

OPTIONS

The product is available with a self adhesive backing and a wide variety of applied surface facings. Additionally, the product can be supplied in composite form with lead or polymeric barriers and damping sheets.