



## Technical Data Sheet

## A - Flex Sponge

### Basis

Semi - Closed cell Sponge

### General Properties and Applications:

A - flex is a flexible thermal insulation material made from closed-cell, Elastomeric nitrile rubber. A - flex is a Class 0 fire retardant sponge (FR) and meets most international fire and smoke standards. A - flex has good ozone and oil resistance and is commonly used in the following applications: Ducting, Roofing Insulation, Raised floor Insulation, Underslab Insulation, AC units, Transportation, Solar plumbing, Cold storage and Generator Acoustics.

### Dimensions of standard rolls:

- 6mm x 1000 x 40m
- 9mm x 1000 x 30m
- 19mm x 1000 x 15m
- 25mm x 1000 x 10m
- 32mm x 1000 x 8m

### Technical Data:

Typical properties	Test Method Reference	Unit	Specification
Density	ISO 3386	Kg/m <sup>3</sup>	55 - 65
Thermal Conductivity	ISO 8497	W/m.K	0.030 @ -40°C
Noise absorption	EN ISO 11654	dB (A)	Class D - 35dB (A)
Temperature Range	BS 476	°C	-200°C to + 115°C
Flammability	BS476 Part 6	mm/min	Class 0
Hardness	"00" scale	Degrees	13 - 15

Due to the wide variety of possible installation and operating conditions the behaviour of the material cannot be guaranteed. While the utmost care has been used in compiling this brochure it must only be used as a general guide. This specification is subject to change without notice. Latest Version available at [www.jmp.co.za](http://www.jmp.co.za) .If in doubt, our staff will be pleased to assist you in finding the optimum sealing solutions.