



MASON UK LTD

Vibration Control Products
& Acoustic Floor Systems

NFS Neoprene Foam Strip



- Closed cell foam used as part of an airborne acoustic barrier or structural vibration break.
- Supplied in a wide variety of sizes and thicknesses.
- A variety of material specifications are also available.
- Available with or without self-adhesive backing.
- Supplied in 2m, 5m or 10m rolls depending on thickness.

Applications

- Perimeter isolation around edge of a Floating Floor.
 - Frequently utilised to surround columns (see below).
- Fill in void between partition wall support mounts (NPS).
- Applied to head restraint angle brackets as a sound barrier (AB-716).
- Typical acoustic sound insulation applications.



NFS Neoprene Foam Strip

- Available in widths of up to 1000mm and thicknesses of up to 50mm.
- Can be supplied plain or with a self-adhesive backing for ease of installation.
- Can be used in a wide variety of applications, including as an acoustic barrier between isolators or as a perimeter isolation strip for floating floors.
- Thicknesses of up to 10mm supplied in 10m rolls; thicknesses of up to 20mm supplied in 5m rolls; thicknesses of up to 50mm supplied in 2m strips.



Property	Specification limits	Typical Value
Compression @ 25% deflection (kPa) ASTM D1056-00	15 - 35	30
Compression deflection @ 50% (kPa) ASTM D0156-00	80 - 160	92
Density (kg/m ³) ISO 845-95	100 ±20	105
Compression set (50%, 22h, 20C) ASTM D1056-00	25% max.	22.10%
Water absorption, max. change in weight (%) ASTM D1056-00	10	1.4
Heat ageing, change in compression deflection, 168 hrs @ 70°C	±30%	Pass
Flammability FMVSS 302	Burn rate <100mm	Pass
Flammability UL94 HBF	-	Pass
Elongation at break (%) ISO 1798-7	-	>180
Tensile Strength (kN/m ²) ISO 1798-7	-	>200
Temperature range (low to high)	-	-40°C to 70°C
High intermittent	-	90°C
Resistance to air + UV	-	Excellent
Resistance to oil	-	Poor
Resistance to acids	-	Good
Environmental protection	-	CFC & HFC free, recyclable
Specification	ASTM D1056-00 AFNOR 99-211	

NFS-0 Class “0” Rated NITRILE Foam Strip

- Class “0” fire rated to BS476 part 6 1989 and class “1” to BS76 part 7 1987.
- Provides superior resistance to oil and grease compared to standard NFS.
- Available in widths of up to 1000mm and thicknesses of up to 50mm.
- Can be supplied plain or with a self-adhesive backing for ease of installation.
- Can be used in a wide variety of applications, including as an acoustic barrier between isolators or as a perimeter isolation strip for floating floors.
- Thicknesses of up to 10mm supplied in 10m rolls; thicknesses of up to 20mm supplied in 5m rolls; thicknesses of up to 50mm supplied in 2m strips.



Property	Value
Density range	50 kg/m ³ +-10%
Temperature Range	-50°C to 116°C
Thermal conductivity (mean temp.) BS874 part 2 1986 @+20	0.037W/(m.K)
Water vapour permeability - moisture resistance factor	>5,000
(BS4370 part 2 1973)	0.13 / gm / N.h
Water absorption (by volume after 28 days)	0.9% average
Fire performance BS476 part 7 1987	Class "1"
Fire performance BS476 part 6 1989	Class "0"
Noise reduction	up to 30dB(A)
Resistance to oil and grease	Good
Colour	Black