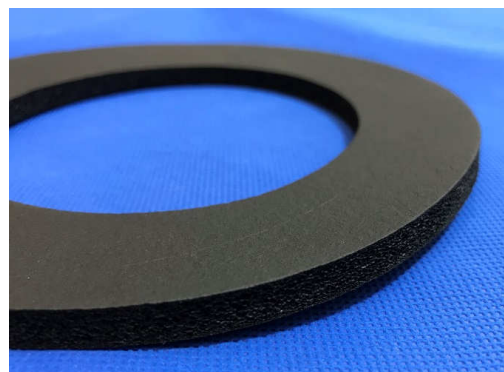


# Technical Data Sheet

## PVC Nitrile (WCM50)

**SPONGE & FOAM**

<b>POLYMER:</b>	PVC/NBR
<b><u>PHYSICAL PROPERTIES</u></b>	
DENSITY 10%)	50 Kg/m <sup>3</sup> (+/-
TEMPERATURE RANGE:	-50° - +116°C
THERMAL CONDUCTIVITY: (Mean Temp) BS874 Pt. 2 1986 @+20	0.037W/(m.K)
WATER VAPOUR PERMEABILITY: (BS4370 Part 2 1973)	>5000 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 30 dB(A)
<b><u>RESISTANCE</u></b>	
AIR & UV:	Excellent
OIL & GREASE:	Good



PVC Nitrile sponge offers excellent oil and fuel resistance, is resistant to weathering and is also Class "0" flame retardant.

With it being more flexible than either EPDM or Neoprene sponges and foams, it is the preferred choice for heating and ventilation systems as it will form around tight spaces and corners.

It is a flexible product, which can also dampen vibration, has good acoustic and sound deadening properties and has shock / energy absorbent qualities. We offer sheets, rolls as well as strip, gasket and cut parts to specified shapes and sizes, either plain or with a range of self-adhesive backings.

Care should be taken in selecting the most suitable quality for each application. Advice is available, but final responsibility remains with the customer.

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