

# Technical Data Sheet

## White CR/EPDM Blend Sponge (WCM402)

**POLYMER:** EPDM/CR (Neoprene)

### PHYSICAL PROPERTIES

CELL STRUCTURE: Closed Cell  
 DENSITY: 116 Kg/m<sup>3</sup> (Avg.)  
 TEMPERATURE RANGE: -40° - +70° C  
 (Intermittent Temp. 90° C)  
 TENSILE STRENGTH: 300 KN/m<sup>2</sup> (Approx.)  
 COMPRESSION @ 25% DEFLECTION: 42 KPa  
 COMPRESSION @ 50% DEFLECTION: 112 KPa  
 COMPRESSION SET: 21.1%  
 50%, 22 Hrs @ 40°  
 ELONGATION AT BREAK: 150%



### RESISTANCE

AIR & UV: Excellent  
 FIRE/FLAMMABILITY: Pass (FMVSS302)  
 OIL: Poor  
 ACIDS: Good  
 ENVIRONMENTAL PROTECTION: CFC & HFC Free—Recyclable

This material is a blend predominantly of EPDM with a small amount of Chloroprene. Being a closed cell sponge means the cells are not interlinked.

Blended sponge can be a more economical, as well as being a highly versatile product taking strengths from both materials it is manufactured from. Blended rubbers also offer an advantage over standard EPDM - with greater Fire retardancy levels.

It is a flexible product, which can also dampen vibration, has good acoustic and sound deadening properties and has shock / energy absorbent qualities.

Materials available from block, sheet or split into a continuous roll as well as strip, gasket and cut parts to specified shapes and sizes, either plain or with a range of self-adhesive backings.

**SPONGE & FOAM**



Certificate Number: 14352  
ISO 9001



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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