

# Technical Data Sheet

## Post Office Sponge (WCMOR)

**SPONGE & FOAM**

**POLYMER:** Natural Rubber

### PHYSICAL PROPERTIES

**CELL STRUCTURE:** Open Cell

**DENSITY:** 160-600 Kg/m<sup>3</sup>

**HARDNESS:** 33-83 Sh 00

**TEMPERATURE RANGE:** -40° - +80° C  
 (Intermittent Temp. 85°C)

**COLOUR:** Red/Orange

**SHEET SIZE:** 1200mm - 2120mm x 750mm - 920mm depending on grade



### RESISTANCE

**OZONE:** Good

**OIL:** Poor

**ACIDS:** Poor

**ALKALIS:** Poor

**ABRASION RESISTANCE:** Good

Open Cell Sponge Rubbers are a product of natural caoutchouc, which is rubber resin from the Hevea Brasiliensis tree.

As air can pass freely between its cells, this grade of sponge offers a high degree of compressibility and displays fast recovery upon release from compression.

Open-cell sponge is absorbent and should not be used where resistance to fluid penetration is required, unless protected with a surface coating.

This grade as the name suggests will retain moisture for a considerable time.

We produce custom Vacuum Lifting Seals for Industrial, Commercial and Consumer applications, and have also found this material is very popular in the Label Application market.

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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