

# Technical Data Sheet

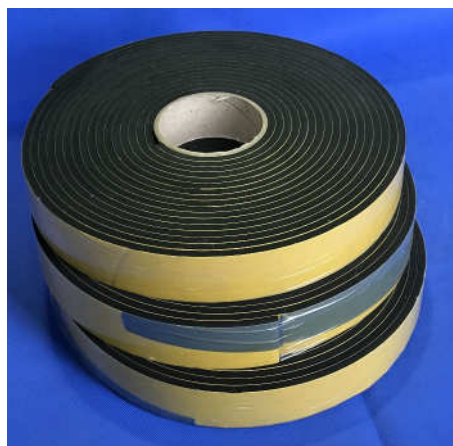
## CR (Neoprene) Sponge (WCM160)

**SPONGE & FOAM**

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

**PHYSICAL PROPERTIES**

**CELL STRUCTURE:** Closed, Fine Cell  
**DENSITY** 165 Kg/m<sup>3</sup> (Avg.)  
**HARDNESS:** 30 Sh OO +/- 15°  
**TEMPERATURE RANGE:** -20° - +100° C  
 (Intermittent Temp. 115° C)  
**TENSILE STRENGTH:** 1.27 KPa  
**COMPRESSION STRENGTH @ 25%:** 35 - 63 KPa  
**WATER ABSORPTION:** <5%  
**ULTIMATE ELONGATION:** >250%



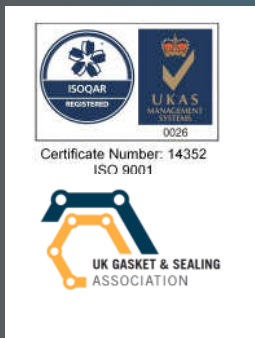
**Resistance**

**OZONE:** Very Good  
**OXYGEN INDEX – ASTM D 2863:** 27.8 LOI Medium  
**Residual Test After Incandescence** 32.7%  
**Actual Residual At 950° C** VDA 675 130/92  
**EXTRACT TEST IN SOLVENTS :** 32.7 % VDA 675 125/92  
**FIRE RESISTANCE (UL94):** UL94 - HF1 from 2mm to 8mm  
 UL94 – VO from 9mm to 40mm  
**AFNOR NF F 16-101/88:** Grid 5  
**Fire Reaction** M2  
**Smoke Reaction** F3  
**Smoke Index** 44  
**FOGGING – NORM UNI 4818/93:** MG 28.8  
 Part 23 Method B

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.

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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