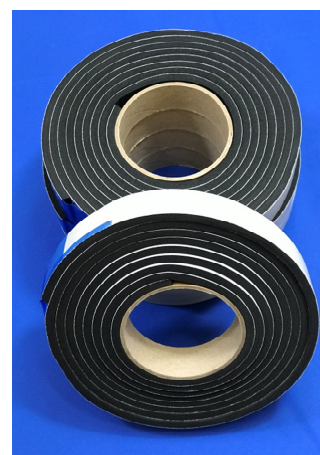


# Technical Data Sheet

## EPDM Sponge (WCM316)

<b><u>POLYMER:</u></b>	EPDM
<b><u>PHYSICAL PROPERTIES</u></b>	
<b>SPECIFICATION:</b>	2A1/2 B2CP/ ASTM DD1056-00/AFNOR99-211 2C08 B3 C2
<b>CELL STRUCTURE:</b>	Closed Cell
<b>DENSITY</b>	90-140 Kg/m <sup>3</sup>
<b>HARDNESS (Sh OO)</b>	33 - 40
<b>COMPRESSION SET:</b>	<25%
50% 22 Hrs 23° C	
<b>TEMPERATURE RANGE:</b>	-40° - +90° C
(Intermittent Temp. 110° C)	
<b>TENSILE STRENGTH:</b>	>300 Kpa
<b>COMPRESSION DEFLECTION:</b>	20-50 KPa
@25% Deflection	
<b>WATER ABSORPTION:</b>	<5%
<b>FLAMMABILITY: (FMVSS 302)</b>	Burn Rate <100mm - Pass



### RESISTANCE

<b>AIR &amp; UV:</b>	Excellent
<b>OIL:</b>	Poor
<b>ACIDS:</b>	Good
<b>ENVIRONMENTAL PROTECTION:</b>	CFC & HFC Free—Recyclable

EPDM sponge is the material of choice when resistance to Ozone, weathering and UV are the prime concerns.

It performs better in these areas than either Neoprene or EPDM/Neoprene blends.

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.

[www.epdm.co.uk](http://www.epdm.co.uk)

E-Mail: [Sales@epdm.co.uk](mailto:Sales@epdm.co.uk)

#### Contact

Telephone: +44 (0)1625 573971  
FAX: +44(0)1625 573250  
PTM Ltd  
Units AG2/3 Clarence Mill  
Clarence Road, Bollington  
Macclesfield, Cheshire  
SK10 5JZ  
United Kingdom