



What we make, makes a difference

Flexi-Cell (UK) Ltd is a leading manufacturer of Closed Cell Sponge Rubber Blocks, Solid Rubber Tubing and Extruded Sealing Sections. We offer a wide and varied range of rubber based products and services to meet the diverse requirements of today's demanding and challenging industrial sectors across the globe.

Although we operate as a flexible independent company, Flexi-Cell (UK) Ltd is a division of the Berwin Group, the UK's leading Custom Compounder with over 50 years experience in rubber technology. It's a connection which provides us with the benefit of stability, resources and financial strength whilst retaining the flexibility of a dedicated specialist division.

Product Description

The Flexi-Cell Closed Cell Sponge Rubber (Expanded Rubber) range is used extensively by the automotive industry and other industrial sectors.

Cellular Rubber - a material with exceptional properties and characteristics covering:

- Anti-Vibration
- Compression Set
- Energy Absorption
- Flammability Resistance
- Low Smoke
- Low Water Absorption
- Oil Resistance
- Ozone Resistance.
- Sealing
- Varied Temperature Range
- Weathering Resistance

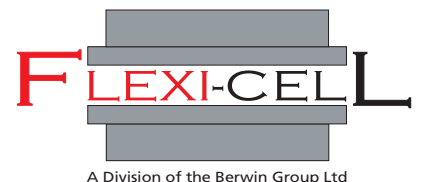
Products available

- EPDM – Ethylene-Propylene-Diene-Monomer Rubber
- CR – Chloroprene Rubber, commonly known as Neoprene®
- Coloured Materials
- Polymeric Blends
- Semi-Closed Cell EPDM
- M1/F1 classified material
- Materials in accordance with UL94

As with all Flexi-Cell (UK) Ltd products our Closed Cell Sponge Rubber Block range is manufactured within a Quality Management System accredited to ISO 9001:2008.



The automotive industry and a variety of industrial sectors use Flexi-Cell products in their production processes



	EP100/A1	EP120/A2	EP120/M1/F1
Polymer Base	EPDM/CR	EPDM/CR	EPDM/CR
Colour	Black	Black	Black
Density (kg/m ³)	100 +/- 20	120 +/- 20	120 +/- 20
Compression @ 25% deflection (kPa)	15 – 35	35 – 65	35 - 65
Specification ASTM D 1056-00	2A1	2A2	2A2
Specification AFNOR 99-211	2C04/2C08	2C08/3C08	2C08/3C08
Size – skin/skin (mm)	2000 x 1000 x 54	2000 x 1000 x 54	2000 x 1000 x 54

	GEP120/A2	WEP120/A2	EP150/A3
Polymer Base	EPDM	EPDM	EPDM/CR
Colour	Grey	White	Black
Density (kg/m ³)	120 +/- 20	120 +/- 20	150 +/- 20
Compression @ 25% deflection (kPa)	35 – 65	35 – 65	65 - 95
Specification ASTM D 1056-00	2A2	2A2	2A3
Specification AFNOR 99-211	2C08/3C08	2C08/3C08	2C08/2C16
Size – skin/skin (mm)	2000 x 1000 x 55	2000 x 1000 x 55	2000 x 1000 x 50

	GPB115	RPB115	WPB115
Polymer Base	Polymeric Blend	Polymeric Blend	Polymeric Blend
Colour	Grey	Red	White
Density (kg/m ³)	115 +/- 15	115 +/- 15	115 +/- 15
Compression @ 25% deflection (kPa)	35 – 65	35 – 65	35 - 65
Specification ASTM D 1056-00	N/A	N/A	N/A
Specification AFNOR 99-211	2C08	2C08	2C08
Size – skin/skin (mm)	2000 x 1000 x 50	2000 x 1000 x 50	2000 x 1000 x 50

	EPB110/A1/A2	EPK11
Polymer Base	EPDM Blend	Semi Closed Cell EPDM
Colour	Black	Black
Density (kg/m ³)	110 +/- 20	90 +/- 20
Compression @ 25% deflection (kPa)	25 – 50	1.6 (typical value)
Specification ASTM D 1056-00	2A1/2A2	N/A
Specification AFNOR 99-211	2C04/2C08	N/A
Size – skin/skin (mm)	2000 x 1000 x 55	2000 x 1000 x 55 (skin/cell)

	CR140/C2
Polymer Base	Polychloroprene
Colour	Black
Density (kg/m ³)	140 +/- 20
Compression @ 25% deflection (kPa)	35 – 65
Specification ASTM D 1056-00	2C2
Specification AFNOR 99-211	3C08
Size – skin/skin (mm)	2000 x 1000 x 50

The information provided is given in good faith and is to the best of our knowledge true and accurate. However, since the conditions under which our products may be used are beyond our control, recommendations are made without warranty or guarantee. This statement does not affect the statutory rights of a customer.

Flexi-Cell (UK) Ltd

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A Division of the Berwin Group Ltd