

# Material Reference AR110

## Black Closed Cell Neoprene Sponge

Issue 1, July 2010.

Material Reference-	110
Colour-	Black
Type	Neoprene, Closed Cell

<b><u>Properties</u></b>	<b><u>Average Value</u></b>
ASTM D1056 (2000)	2C2
Density (ASTM D3575)	150 to 190 kgm/mtr3
Compression Set (23 deg +/- 2deg C) 22h, 25% compression: Measured after 24hours (ASTM D 1056)	<5%
Shore Hardness "00" Scale	43 to 48 shore
Elongation- Minimum (ASTM D 412)	<200%
Temperature Range (Constant)	-40°C to +75°C
Temperature Range (Intermittent)	+100°C
Water Absorption Max Weight Change (ASTM D 1056)	<4%
Tensile Strength (ASTM D 412)	<500 kPa
Flame Resistance	FMVSS302, Self Extinguishing
Environmental Protection	CFC & HCFC Free

### **Other information**

Maximum thickness (without lamination)	50mm thick
Sheet length (approximately)	2000mm
Available 10mtrs long with soft join	

*Data has been copied from manufactures/distributors data test sheet and is intended to be used for guidance and come without warranty or guarantee.*

*As individual operating conditions influence the application of each product, the information supplied in this datasheet can only be seen as a rough guideline*

*It is the responsibility of you, the customer to assess the suitability of product supplied for the purpose for which it is to be used.*

*Data sheet is subject to alteration without prior notice. This data sheet supersedes all previous data sheets rubberonline Terms and conditions apply*

(Source ref: 01-12-01)