

Our EPDM Rubber Sheet (Black, 60 Duro) is an industrial grade EPDM rubber widely used for sealing, lining, insulating and protecting applications. This type of rubber offers several advantages including good chemical resistance, excellent UV resistance and physical strength.

EPDM Rubber is often used for making gaskets, seals, washers and lining strips for chemicals. In these applications, its ability to withstand most acids and alkalis is of benefit. It also possesses very good resistance to hot water and steam and can handle temperatures between -30°C and +120°C.

This industrial grade EPDM Rubber is sulphur cured and black in colour. It has very good resistance to UV, sunlight and ozone which makes it ideal for long term outdoor environments. It is also suitable for long term exposure to aquatic applications and will not deteriorate in fresh or saltwater.

One area where EPDM struggles is with hydrocarbons, oils and fuels. It is attacked by these fluids. For sealing these, we usually suggest Nitrile Rubber.

### Applications

- Making flange gaskets for pipes and tanks.
- Making washers, gaskets and seals for chemical applications.
- Insulating strips and isolation barriers.
- As a heat resistant skirting rubber.
- Lining of pipes and tanks.
- Underwater applications.
- Protecting steel or other surfaces.
- Weatherproof flashing and lining work.

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#### Important

The values listed here and the information presented should not be treated as a substitute for specific technical advice. We cannot warrant the products performance or suitability for particular applications.

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**Technical Details**

Property	Value	Test Standard
Colour	Black	
Polymer	EPDM	
Hardness (Durometer)	60 (±5) Shore A	ASTM D2240
Temperature Range	-30°C to +120°C	
Specific Gravity	1.15 g/cm <sup>3</sup>	ASTM D297
Tensile Strength	25 kg/cm	
Elongation at Break	400% (min.)	ASTM D412
Tear Strength	45 N / mm (min.)	ASTM D624
Abrasion	275mm <sup>3</sup> (max.) @ 10N	ASTM D5963
Compression Set (22 Hours @ 100°C)	25%	

**Thermal Ageing in Air Ventilated (72 Hours @ 100°C)**

Increase in Hardness	10%
Increase in Tensile Strength	-15%
Increase in Elongation	-30%

**Available Sizes, Forms and Styles**

Our Black EPDM Rubber is available from Swift Supplies by the lineal metre in the thicknesses listed below. Rolls are 1200mm Wide.

*Standard Thicknesses*

- 1mm
- 1.5mm
- 2mm
- 3mm
- 4.5mm
- 6mm
- 9mm
- 12mm

*Pieces, Cut Strips, Custom Sizes and Special Requests*

We're always happy to help with special requirements. If the size you require for your project isn't listed here please do reach out to us. We'll do our very best to help in any way we can.

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