



**Colour - Black**

**DATA / SPECIFICATION SHEET**

# EPDM

## DESCRIPTION

The ethylene propylene-based materials are extremely useful elastomers that have a wide temperature range and are usefully resistant to some fluids that cause problems with most other elastomers. Ethylene propylene is produced from a co-polymer of these two polymers. EPDM includes a third monomer, diene, and is the material that provides the best resistance to hot water, steam, and phosphate ester hydraulic fluids such as Skydrol. It can also be used with synthetic ester lubricants that are used for low temperature applications such as refrigerant compressors.

## SERVICE

**Resistant to:** Water, steam, phosphate ester (HFD-R and Skydrol), silicone oil and grease, some polar solvents, some acids and alkalis, ozone and air ageing.

**Not suitable for:** Mineral hydrocarbon oils, greases and fuels, air ageing and ozone at temperature (130°C+)

## PROPERTIES

Density	1.5 g/cc
Tensile Strength	3 MPa
Elongation	200%
Hardness	65 ± 5
Temperature Range	-40°C to 120°C

## AVAILABILITY

Thickness range	= 1.0mm to 6.0mm (standard) or by order
Standard sheet sizes	= 1.2m X 1.0m 1.2m X 2.0m 1.2m X 5.0m 1.2m X 10.0m

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