

# EPDM Rubber



**TBJ-UTEX INDUSTRIES (M) SDN BHD**

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MS ISO/IEC 17021:2011  
QS26122016 CB 16



Certificate Number : FM 646287  
ISO 9001 : 2015

● EPDM Rubber is a black rubber sheet made from Ethylene Propylene Diene Monomer, commonly known, as EPDM. It has high temperature resistance and chemical resistance to acids and alkalis. It is UV stable making it highly resistant to ozone effects and extreme weather conditions and is ideal for long term outdoor applications.

● EPDM Rubber has excellent physical properties and is resistant to hot water and steam. It is suitable for prolonged exposure to aquatic environments and will not deteriorate when submerged in fresh or sea water making it suitable for marine applications

### ● Chemical and Environmental Resistance

Factor	Resistance
Weathering and Ozone	Excellent
Abrasion	Fair
Diluted Acids and Oils	Very Good
Concentrated Acids and Oils	Medium
Hydrocarbons	N/A
Organic Solvents	Medium
Oil and Petroleum Products	N/A

### ● Application

- Flange gaskets on pipes and tanks
- Lining of pipes and tanks
- Transfer and joining sleeves
- Weatherproof flashing
- Insulating strip
- Heat resistant skirting rubber
- Heat resistant belt scrapers
- Variety of underwater applications

### ● Technical Details

<b>Specific Gravity</b>	1.50 g/cm <sup>3</sup>
<b>Tensile Strength</b>	3.0 - 5.0 MPA
<b>Hardness</b>	65 (±5) Shore A
<b>Elongation At Break</b>	200% - 300%
<b>Temperature Range</b>	-30°C to 130°C

### ● Standard Thickness, Roll Size and Finish

<b>Standard Thickness</b>	1.5mm, 2mm, 3mm, 4mm, 5mm, 6mm, 8mm, 10mm, 12mm
<b>Standard Roll Size</b>	1500mm (W) x 10mtrs (L) for 1.5mm - 4mm (T) 1500mm (W) x 5mtrs (L) for 5mm - 12mm (T)
<b>Standard Finish</b>	Both Sides Smooth (SS)

\* Note: Manufacturing tolerance of ± 10% on thickness, ± 5% on length & ± 2% on width shall be applicable

**Cut lengths, strips, custom shapes, surface finish and colours are available upon request**

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