



Black Premium Grade EPDM Rubber

Product Code:	Style 6140
Description:	40, 50, 60, 70 Duro EPDM Rubber Sheet
Specifications:	EPDM (ethylene propylene diene monomer) Temperature range -30°F to 200°F continuous

<u>Typical Rubber Properties</u>	<u>Test Method</u>	<u>Typical Value</u>
Hardness (Shore A)	ASTM D2240	40, 50, 60, 70 ±5
Tensile Strength	ASTM D412	780 psi min
Elongation	ASTM D412	400% min
Finish	Visual	Plate/Smooth
Color	Visual	Black

- Thickness & Width as specified.

General Polymer Characteristics:

EPDM rubber (ethylene propylene diene monomer) is a type of synthetic elastomer characterized by a wide range of applications. EPDM exhibits satisfactory compatibility with fireproof hydraulic fluids, ketones, hot and cold water, and alkalis. EPDM rubber is used in seals like cold-room doors since it is a good insulator, as well as radiators, garden and appliance hose, tubing, pond liners, washers, belts, electrical insulation, vibrators, O-rings, and more.

It is also used as a medium for water resistance in electrical cable-jointing, roofing membranes (since it does not pollute the run-off rainwater, which is important for rainwater harvesting), geomembranes, rubber mechanical goods, plastic impact modification, and many other applications.

Thermodyn products are manufactured to general RMA standards and meet the above data sheet guidelines. It is the responsibility of the end user to qualify the material to its intended application. Defects or damage resulting from misuse or mishandling are not covered by Thermodyn's limited liability policy. Values covered in this data sheet are nominal values that we believe to be accurate and reliable for purposes of qualification in end use applications.