

EPDM Closed-Cell Rubber Foam (EPDM Foam - Cellular Rubber Foam)

EPDM closed-cell foam is a dense, closed-cell rubber foam that is still light enough to float on water. It can be produced in sheets and layers. EPDM foam is highly resistant to environmental damage and temperature changes, which makes it suitable for outdoor use.

Applications

EPDM closed-cell foams are used in various industries, including automotive, building and construction, gaskets, seals, and pipe insulation.

EPDM Foam Features

- Closed-cell (resistant to moisture absorption)
- High tensile strength (720 KPa)
- High tear resistance (2 KN/m)
- Medium elongation at break (230%)
- High flexibility
- Resistant to UV, ozone, and weather conditions
- Medium flame resistance
- Low hardness

| Code | Sheet Dimension | Sheet Layer Dim | Roll Dimension ² | Hardness | Density (kg/cm ³) | Temperature Range | Physical Properties | Colors |
|---------|-----------------|-----------------|-----------------------------|--------------|-------------------------------|-------------------|---------------------|--------|
| EPDM200 | 170*110*28, 100 | 170*110, 100*15 | - | 5-15 Shore C | 200±5 | -40, +105 °C | Elastic foam | Black |
| EPDM420 | 210*110*35 | 210*110 | 50m*150cm, 50n | - | 105±5 | | EPDM | Black |
| EPDM550 | 240*140*35 | 240*140 | - | - | 135±5 | | EPDM | Black |

Services

A range of services can be performed on the sheets of this group, as follows:

| Adhesion | Glitter | CNC | Die-cut | Lamination | weld ¹ | Thermoforming | Punching | Toweling | Thermal laminati | Embossing | Product Code |
|----------|---------|-----|---------|------------|-------------------|---------------|----------|----------|------------------|-----------|--------------|
| * | * | * | * | * | * | | | | * | * | EPDM200 |
| * | * | * | * | * | * | | | | * | * | EPDM420 |
| * | * | * | * | * | * | | | | * | * | EPDM550 |

¹ In Foomiran, layers can be cut to the specified lengths, widths, and thicknesses greater than 1 mm, according to customer needs.

² In Foomiran, foam rolls can be cut to the specified lengths, widths, and thicknesses greater than 1 mm, according to customer needs.