

### 1. TPE Closed-Cell Foam (Cellular Rubber Foam)

Thermoplastic Elastomer (TPE) foam has a closed-cell structure and can be produced in sheets and layers. TPE foams are a family of rubber-like materials that combine the elastic properties of rubber with the recyclability and processing advantages of plastic.

## Applications

Closed-cell neoprene foams are used in various industries, including automotive, medical equipment manufacturing, electrical, sealing, and sports equipment manufacturing.

## TPE Foam Features

## Features

Closed-cell (resistant to moisture absorption)

Low hardness (soft)

Very high flexibility

Very high rebound

High shock and vibration absorption

Very high friction coefficient with an adhesive property (non-slip foam)

### Customizable hardness

Diverse and customizable colors based on customer needs

## Technical Data

Code	Sheet Dimension (cm)	Sheet Layer Dimension¹ (cm)	Roll Dimension²	Hardness	Density (kg/cm³)	Temperature Range	Physical Properties	Colors
ESB7	190*125*30	190*125	-	-	100±5	-	TPE Foam	-
EPSB440	215*125*30	215*125	50m*150cm	15-25 Shore C	111±5	-40 to 100 °C	TPE Foam	Yellow, Orange, Red, Brown, Fluorescent, Blue, Violet, Black, Gray
	220*145*30	220*145	50m*120cm					
	245*145*30	245*145	100m*150cm					
			100m*120cm					

## Services

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

Adhesion	Glitter	CNC	Die-cut	Lamination welding	Thermoforming	Punching	Toweling	Thermal lamination	Embossing	Product Code
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<sup>1</sup> In Foomiran, layers can be cut to the specified lengths, widths, and thicknesses greater than 1 mm, according to customer needs.

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

[illegible]