

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 Dimension ¹ (cm)	Roll Dimension ²	Hardness	Density (kg/cm ³)	Temperature Range	Physical Properties	Colors
ESB7	190*125*30	190*125	-	-	100±5	-	TPE Foam	-
EPSB440	215*125*30 220*145*30 245*145*30	215*125 220*145 245*145	50m*150cm 50m*120cm 100m*150cm 100m*120cm	15-25 Shore C	111±5	-40 to 100 °C	TPE Foam	Yellow, Orange, Red, Brown, Fluorescent, Blue, Violet, Black, Gray

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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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.