

TECHNICAL DATA SHEET

Polyethylene Closed Cell Sponge

Polyethylene Closed Cell Sponge 30 - Expanded

Sheet Size : 2000mm x 1000mm

Sheet Thickness : 3,5,6,10,12,15,16,20,25,30,40,50



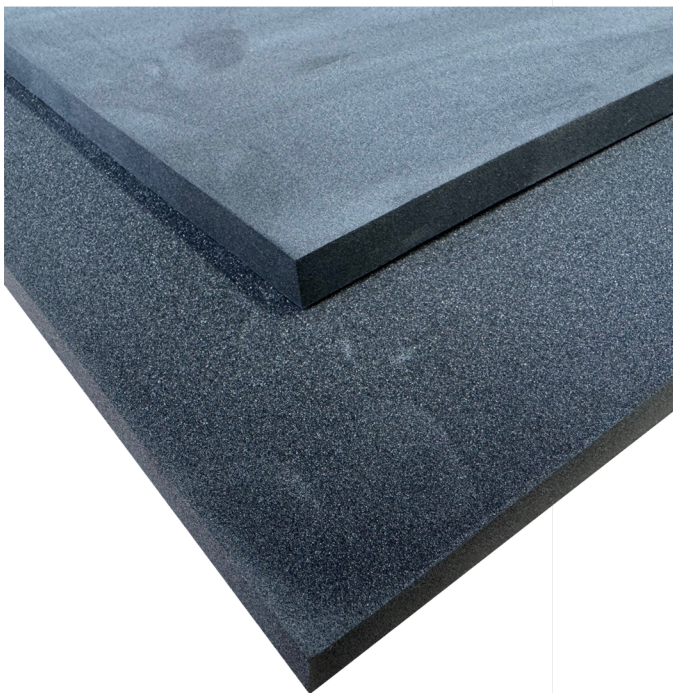
Polyethylene Closed Cell Sponge Sheets are lightweight, flexible, and durable insulation materials made from closed-cell polyethylene foam. These sheets are widely used in various applications requiring thermal insulation, vibration damping, moisture resistance, and chemical protection. Due to their closed-cell structure, polyethylene foam provides excellent waterproofing, thermal insulation, and shock absorption. It is an ideal choice for industries that demand high performance and cost-effective materials.

Key Features & Benefits:

- Closed-Cell Structure
- Thermal Insulation
- Vibration and Shock Absorption
- Waterproof & Moisture Resistant
- Lightweight and Flexible
- Chemical and UV Resistance
- UV resistance

Applications:

- HVAC Systems
- Plumbing and Water Systems
- Refrigeration & Cold Storage
- Marine & Boat Insulation
- Automotive & Aerospace
- Protective Packaging
- Construction & Building
- Sports and Recreational Equipment



	Item	Data
1	Density(kg/m3)	≥ 30
2	Tensile Strength (KPa)	≥ 150
3	Hardness ShoreC	≥ 18
4	Elongation at Break(%)	≥ 150
5	Tear Strength (N/cm)	≥ 5
6	Thermal Conductivity(-20°C)	≤ 0.041
7	Vacuum water absorption rate(%)	≤ 0.006
8	Compression Set(%)	≤ 4
9	Temperature resistance range°C	-40/80
10	Environment Protection	Meet ROHS



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