



A superior, lightweight and high-strength
crosslinked PE-EVA foam



Supreme Always Value Efficient

PROTECcapcell[®]

[Formerly CAPCELL]

A closed cell, crosslinked
Polyethylene / EVA / Rubber foam

PROTECcapcell (Formerly CAPCELL)

PROTECcapcell is a range of closed cell, crosslinked Polyethylene foam (XLPE) manufactured by block process. It has extremely fine microcellular structure. Variant available are PE, PE-EVA, EPDM blended & PE+EVA+ NR etc. to suit demanding applications

Salient Features

- Uniform closed cell, microcellular structure
- Durable, lightweight with high buoyancy
- Excellent impact, abrasion, compression and tear resistant
- Non water absorbent
- Resistant to moisture, fungi, bacteria and chemicals
- Can be thermoformed or processed with vacuum / compression techniques
- Easy to cut, fabricate, perforate die-punch, laminate, emboss
- Available in wide range of thicknesses, widths and colours

Applications

- **Packaging:** Case liners, tool box foam pads, corner pads, support pads, buffers, encapsulation blocks, display usage, heavy machinery packing, electrical panels
- **Automobiles:** Gap fillers, gaskets & tapes, door trims pads, roof liners, insulation pads, cable support, wheel arch sound barrier, AC duct support, mirror packing support, headlight & rear light gaskets, mats etc.
- **Returnable Packaging:** Automotive dunnages, protective liners, buffers etc.
- **Sports & Recreation Goods:** Protective guards (Arm / elbow / leg / shoulder pads), mats and mattresses, garment insulation, helmet lining, life jackets / life vests, sleeping bag under lay, shoe insoles, gloves, ski belts and many more...
- **Insulation:** Industrial refrigeration, cold storage, cold water pipes, AHUs (air handling units), A/C ducts, domestic air conditioners etc.

Available in

- **Density:** 70-400 kg/m³
- **Thickness range:** Available in blocks from 24mm to 50mm (based on grades and hardness) and sliced material can be supplied from 1mm onwards (few grades)
- **Widths:** Standard - 1mtr X 2mtr , 1.1mtr x 2.2mtr , 1.2mtr X 2.4mtr
Special – 0.9 mtr X 1.8mtr (depending upon the hardness & density)
- **Hardness:** 0–65 shore A
- **Special grades:** EPDM blended, Embossed / Thermoformed sheets, Mats etc.
- PROTECcapcell can also be offered in factory machine-joint roll form

Connect with us

Corporate Office Mumbai: 1161, Solitaire Corporate Park, Guru Hargovindji Marg, Andheri – Ghatkopar Link Road, Chakala, Andheri (E), Mumbai – 400093 Tel: (+91-22) 40430000 / 67710000 / 30840000
Fax: (+91-22) 40430099 / 67710099 / 30840000 **Ahmedabad:** Tel: (+91-79) 27681361 / 27680043 / 27680903 Fax: (+91-79) 27680064 **Bengaluru:** Tel: (+91-80) 22285282 / 22285475
Fax: (+91-80) 22204697 **Chennai:** Tel: (+91-44) 43851500 / 39811176 / 39811174 Fax: (+91-44) 43850498 **Delhi:** Tel: (+91-11) 46590000 / 26413728 / 26217454 Fax: (+91-11) 46561393
Hyderabad: Tel: (+91-40) 23221140 Fax: (+91-40) 23221120 **Kolkata:** Tel: (+91-33) 24858837 / 24858839 / 24858833 Fax: (+91-33) 24858838 **Pune:** Tel: (+91-20) 25890538
E-mail: protec@supreme.co.in **Website:** www.supreme.co.in

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