



403 Silicone Open Cell Foam

The EMI-03 range of Open Cell Silicone Foam is available in Extruded, moulded and Sheet form, which can be cut, joined, stripped, punched and adhesive backed. It includes a good range of densities, ranging from 80 – 200Kg/m³, is Food Contact approved and is available with UL94V-0 certification.

Open Cell Silicone foam is best defined as a low density product that is derived from liquid silicone rubber that is catalyzed, rapidly mixed and cast onto a smooth plastic release liner. The cast foam is dispensed onto the release liner in a controlled thickness, passed through a curing oven then post-cured to drive out residual moisture or vapors. The finished product is typically a continuous roll with a smooth surface. The resulting product allows air and moisture to pass through the low density open cell structure.

These foams have become a very important part of our product range as due to their high resilience, low compression set, 100% memory and ability to meet the UL94V-0 rated insulation they are perfect for the requirements in today's mass transport industries, (non-flammable cushions and carpet underlay on planes and trains) and for a lot of Military and Telecoms applications as well.

Due to the very specific nature of these materials please contact our Sales or Technical Departments to discuss any questions or applications you may have.

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