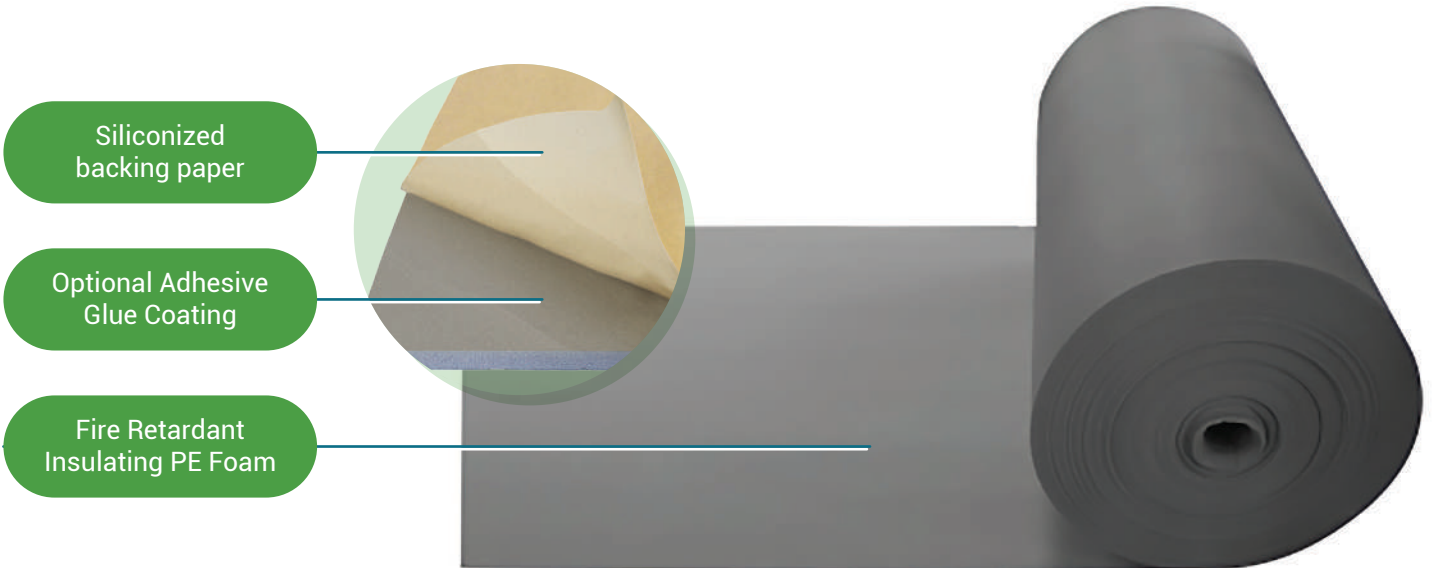




TROCELLEN CLASSIC



Trocellen Classic provides not only outstanding performance but world class qualities to our customers. Trocellen Classic is extensively tested to pass the stringent conditions of the UL94 standards, providing unparalleled fire-retardant performance in the market.



We recommend using **contact adhesive** glue; a synthetic polymer-based glue which is ideal for bonding PE foam together. It can be easily purchased from your local hardware store. Alternatively, for your added convenience, our Trocellen Classic foam also comes with an in-house factory pre-coated industrial strength adhesive option.

| THICKNESS | LENGTH |
|-----------|--------|
| 6 mm | 72 m |
| 9 mm | 47 m |
| 12 mm | 35 m |
| 15 mm | 28 m |
| 20 mm | 20 m |
| 25 mm | 18 m |

Other thicknesses and dimensions available upon request.

Trocellen Classic advantages



High durability with constant performance for the entire service life



Non-fibrous and lightweight nature of our foam makes in a breeze to install



Superior thermal insulation properties for both heat and cold



Built-in fire retardancy tested under the UL94 standard



Closed-cell structure of PE foam prevents water absorption



Free of any cadmium, lead stabilizers, heavy metals, CFC, HCFC and HC

| TECHNICAL DATA | | TEST STANDARD | UNIT | TROCELLEN CLASSIC |
|--|--------------|-------------------------|-------------------|--|
| BARE FOAM | | | | |
| Density | | ISO 845 | Kg/m ³ | 30 |
| Tensile Strength | Longitudinal | ISO 1798 | Mpa | 0.22 |
| | Transversal | | Mpa | 0.18 |
| Elongation At Break | Longitudinal | ISO 1798 | % | 150 |
| | Transversal | | % | 180 |
| Compression Stress Strain At Deflection | 10% | ISO 3386 | KPa | 9 |
| | 25% | | KPa | 27 |
| | 50% | | KPa | 78 |
| Compression Set (22h 25% 23°C) After Compression Release | 24hr | ISO 1856 | % | <10 |
| Tear Strength | Longitudinal | DIN 53507 | N/mm | 0.7 |
| | Transversal | | N/mm | 0.7 |
| Water Absorption | | JIS K 6767- METHOD B | g/cm ² | 0.00005 |
| Operating Temperature Range | | - | °C | -40 to 90 |
| Dimensional Stability | | DIN 53431 | °C | 90 |
| Thermal Conductivity | 0°C | JIS A 1412-2 | W/mK | 0.035 |
| | 23°C | | | 0.037 |
| | 40°C | | | 0.040 |
| Ozone Depleting Substances (Namely CFCs, HCFCs, HBFCs) | | US EPA 5021A (MDL 1PPM) | - | Not Detected |
| Volatile Organic Compounds (VOCs) | | US EPA 5021A (MDL 1PPM) | - | Not Detected |
| Green Star Specification - Total VOC Emission Rate | | ASTM D5116 | - | Low VOC Emitting (<0.5mg/m ² /hr) |
| Noise Reduction Coefficient | | ASTM C423 | - | 0.2 |
| Resistance To Fungi | | ASTM G21 | - | Zero Growth |
| FIRE BEHAVIOUR | | | | |
| Burning Test | | UL 94 | - | HF-1 |

Information contained in this document are accurate and reliable to the best of our knowledge and belief. The offered herein serve as a guide of these materials, and cannot be guaranteed because of the conditions of use are beyond our control. It shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

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Cert no: MY02/20014



Cert no: MY05/0153