

PE FOAM - SILVER UNDERLAY



2mm, 6 mm, 8 mm, 10 mm & 12 mm

- Shock Absorbing
- Water Proofing
- Heat Insulating
- Size : 1 m x 25 m
- Weight : 21 - 23 kg/roll

| DESCRIPTION | UNIT | VALUE | | | | | TEST METHOD |
|---|-----------------------------------|-------------------|-------------------|-------------------|---------------------|--------------------|------------------|
| Thickness | Mm | 2mm | 6mm | 8mm | 10mm | 12mm | ASTM D - 792 |
| Density | g/cm ² | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | ASTM D - 792 |
| Cell Size | Mm | 0.82 | 0.82 | 0.82 | 0.82 | 0.82 | ASTM D - 3576 |
| Thermal Conductivity | W/m.°C | 0.0406 | 0.0406 | 0.0406 | 0.0406 | 0.0406 | ASTM D - 5930 |
| Thermal Resistance | M ² ₀ /w | 0.0493 | 0.1478 | 0.1970 | 0.2463 | 0.2956 | ASTM C - 167 |
| Tensile Strength | kg/cm ³ | MD 5.34 CD 3.2 | MD 3.8/ CD 2.8 | MD 3.6/ CD 2.7 | MD 3.67/ CD 2.72 | MD 4.2/ CD 2.05 | ASTM D - 638 |
| Elongation | % | MD 110 CD 110 | MD 100/ CD 85 | MD 105/ CD 90 | MD 108/ CD 87 | MD 105/ CD 80 | ASTM D - 638 |
| Heat Dimensional Stability | % | 4+ | 1+ | 1+ | 1+ | 0.8+ | ASTM D - 6289 |
| Water Absorption | Mg/cm ² | 0.017 | 0.170 | 0.37 | 0.72 | 0.93 | ASTM D - 570 |
| Moisture Permeability | g/m ² .24hr | 0.24 | 0.48 | 0.52 | 0.64 | 0.96 | ASTM D - 570 |
| Chemical Resistant | | Excellent | | | | | ASTM D - 543-56T |
| Tearing Strength | Kg/cm | 1.95 | 4.5 | 1.5 | 2.0 | 2.0 | |
| The Permanent Compression set (100kg/cm2) | % | 7 | 14 | 18 | 22 | 23 | |