

Seflon® EXPANDED PTFE SHEETING

Features: Pure PTFE , multidirectionally expanded PTFE, asbestos free, chemically resistant to fluids from 0 to 14 in the pH range.

Limitations for uses with fluorine and alkali metals at high temperature and pressure.

It does not age, does not harden and is the sealant that raises the qualities of PTFE and reduces their limitations.

Recommended Uses: Due to it's unique structure, it is able to face many application problems in the chemical, pharmaceutical and food industry where PTFE should be the best solution if it is able to offer improved mechanical characteristics in comparison to the full density, solid PTFE.

Practically, the cold flow of this surface up to 95 N/nm².

It is also particularly indicated for low clamping load applications in the presence of fragile flanges (graphite, glass, etc.) Due to its very positive deformation curve, and grants long lasting and self operative life. It is also safe to use in food industries .

- Available in size 1500mmx1500mmx3mmt
- Can be supplied in cut-to-width strips
- Pressure sensitive adhesive backing is also available

Operating Temperature: -450°F to +600°F

Sizes: 1500mmx1500mm per piece

Thicknesses: 3mmt

| <i>For Static Seals</i> | |
|-------------------------------------|------------------|
| Specific gravity oz/in ³ | 0.428 (DIN 3754) |
| Temperature (°F) | |
| Pressure (LBF/IN ²) | 2.15 |
| pH | 0 - 14 |

| Expanded PTFE Sheet | | Thick mm | | 3mm |
|---|-------------------|--------------------------|--|-----------------------|
| Compressibility | ASTM F36 | % | | 67 |
| Sealability Fuel A (iso-octane) Fuel B (nitrogen) @60psig | ASTM F-37B | ml/hr ml/hr | | 0.001 0.170 |
| Recovery | ASTM F36 | % | | 11.4 |
| Creep Relaxation | ASTM F-38 | % | | 37 |
| Tensile Strength | ASTM F-152 | PSI | | 2,10 |
| Specific Gravity | | Oz/in ³ | | 0.42 |
| ASTM factors: | "m" "y" "y" | N/mm ² Psi | | 2.4 20.13 2,850 |