

# Expanded PTFE Gasket Sheet

EPTFE - SULON 8600

**Sunshine** Coporation  
Your first sealing choice

## Construction:

SULON 8600 expanded PTFE gasket sheet is constructed by expanded 100% virgin PTFE with a amazing method that creates a consistent and highly fibrillated microstructure with the same tensile strength in all directions. The actual producing item exhibits attributes significantly unique from conventional PTFE sheet. This type is much smoother and more versatile than typical PTFE sheet and thus conforms easily to irregular and also rough surface types. In addition, the product is easier to compress and decreases creep and cold flow.



## Application:

Expanded PTFE gasket sheet material conforms to FDA rules for food contact. Expanded PTFE gasket sheet is an all purpose gasket sheet that will replace all other kinds of PTFE sheet. It will eventually seal all aggressive chemicals over the whole 0 to 14 pH range, except molten alkali metals and elemental fluorine. Constructed from 100% virgin PTFE, it but not only resists chemical attack, although it will not contaminate or discolor finish items.

## Recommended Industries

- Iron and Steel manufacturing
- Food and Beverage
- Power Generation
- General Chemical
- Petrochemical
- Pharmaceutical
- Pulp and Paper
- Marine

## Physical Properties

| Properties       | Test Method | Results     |
|------------------|-------------|-------------|
| Compressibility  | ASTM F36    | 53%         |
| Recovery         | ASTM F36    | 12%         |
| Tensile Strength | ASTM F152   | 24 Mpa      |
| Stress Retention | DIN 52913   | 14 Mpa      |
| Working Temp.    | -           | -260 to 260 |

## Advantages

- Exceptional adaptability to all types of surface
- Minimized cold-flow & creep behaviour
- Harmless for food-contact applications
- Good chemical type resistance
- Universal media resistance
- FDA Approved

**Approvals** - FDA, WRC

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