

Expanded PTFE Sheet**GS4100 Expanded PTFE sheet**

Our expanded PTFE sheets are made from 100% PTFE through special manufacturing process. Composed of innumerable multidirectional fibers, the products have a particular high density fiber texture. Under pressure the fibers will mutually tangle, making the texture even tighter and resulting in better sealing performance.

Expanded PTFE sheet has fine flexibility, high tensile strength, good resistance to temperature, creep, cold flow, corrosion, and aging. It is non-toxic and non-pollution, easy to cut and install, and not easy to distort.

The material may seal rough and damaged flange, and maintains excellent sealing performance even under severe corrosive environment and high temperature.

Applications:

The product is suitable with all kinds of flanges. Widely used in industries of chemical, petroleum, nuclear power, steelmaking, papermaking, shipbuilding, semiconductor, aerospace, food, pharmacy, medical instrument, and so on.

Specifications:

Material	Virgin PTFE with expanded multidirectional fibrous texture
Purity ePTFE	100%
Color	White
Density	0.75~0.95g/cm ³
Tensile strength	>20Mpa (ASTM F152)
Compressibility	>45% (ASTM F36, 34.5Mpa)
Recovery	>10% (ASTM F36, 34.5Mpa)
Temperature	-240°C~+260°C
Maximum pressure	20Mpa
PH range	0~14

Normal Dimensions:

1500 x 1500mm (60" x 60");

Thickness: 0.5~8mm.

Other dimensions are also available on request.