

Expanded PTFE Gasket Sheet

EPTFE - SULON 8600

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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