

## Expanded PTFE DATA SHEET

### Expanded PTFE (ePTFE) Property

Property	Unit	Expanded PTFE Sheet (EPTFE Sheet)	Expanded PTFE Tape (Joint Sealant Tape)
Density	g/m <sup>3</sup>	0.80	0.7~0.8
Chemical Resistance of the sealing material		PH 0-14 - Resistant to all media apart from dissolved or molten alkali metals as well as elemental fluorine at higher temperatures and pressures	PH 0-14
Temperature Range of the sealing material	°C	-240°C to + 270°C intermittent to 315°C	-288°C to + 315°C
Recommended operating ranges		Pressure: Vacuum up to 40 bar Temperature: -240°C to + 230°C	
Physiological inertness	°C	Physiologically safe up to + 260°C	
Pressure range	Mpa		30
Elongation	%		20
Creep Relaxation	%		51

#### Remark:

- "+" mean anti, "-" mean none, "0" mean it depends on reality testing conditions.
- Above data are provided by the raw material suppliers, not guarantee the uniqueness.
- Above data can not be regarded as the additional term for the contract
- These products we mentioned are not suitable for medicine and tooth transplantation