

TEFPASS® PFA SHEET

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Property	Method ASTM	Value
Specific Gravity	D792	≥2.13 g/cm ³
Tensile Strength	D638	250 kg/cm ²
Elongation	D638	250%
Elastic Modulus	D882	4894 kgf/cm ²
Use temperature (Continuous)		260°C
Melting Point	D3418	302~310°C
Specific Heat		1172 J/kg*K
Coefficient of Thermal Conductivity	D2863	0.195 W/M*K
Coefficient of Linear Thermal Expansion	D696	9.9 x 10 ⁻⁵ mm/mm*°C
Dimensional stability	30min at 150°C	±1%
Oxygen Index	D2863	95%
Refractive Index	D542	1.35
Solar Transmission	E424	96%
Dielectric Strength, 1 mil	D149	260kv/mm
Dielectric Constant, 1KHz	D150	2.1
Dissipation Factor, 1KHz	D150	0.0005

- Excellent chemical resistance
- High Reliability of welding and heat sealing
- Wide Temperature Range:-240~260 deg. C
- Non-stick and low frictional coefficient
- Low permeability
- Good abrasion resistance
- Excellent ultraviolet and weather resistance
- Excellent electrical properties
- High purity grade of PFA material upon special request

PFA Sheet			
Thickness	1.5mm	2.3mm	3.0mm
Width	1,200mm	1,200mm	1,200mm

*Remark:
Other thickness or longer roll length is available upon request.*

