

PFA Sheet



- ✦ *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*

Property	Method ASTM	Value
Specific Gravity	D 792	2.12~2.18
Tensile Strength	D 882	214 kgf/cm ²
Elongation	D 882	300%
Elastic Modulus	D 882	4894 kgf/cm ²
Use temperature (Continuous)		260°C
Melting Point	D 3418	302~310°C
Specific Heat		1172 J/kg*K
Coefficient of Thermal Conductivity	D2863	0.195 W/M*K
Coefficient of Linear Thermal Expansion	D 696	9.9 x 10 ⁻⁵ mm/mm*°C
Dimensional stability	30min at 150°C	±1%
Oxygen Index	D 2863	95%
Refractive Index	D 542	1.35
Solar Transmission	E 424	96%
Dielectric Strength, 1 mil	D 149	260kv/mm
Dielectric Constant, 1KHz	D 150	2.1
Dissipation Factor, 1KHz	D 150	0.0005

PFA sheet		
Thickness	1.5mm	2.3mm
Width	1,200mm	1,200mm
Weight	3.87kgs/ML	5.92kgs/ML
Roll length	30M	30M

Remark:

1. Maximum width up to 1,500mm.
2. Other thickness or longer roll length is available upon request.



4F., NO.12, MING-TSU E. RD., TAIPEI,

TAIWAN, R.O.C.

TEL: +886-2-2597-6222(REP)

FAX: +886-2-2595-5626

Website: www.alliedsupreme.com

Email: sales@alliedsupreme.com

