



ePTFE Gasket Sheet

Characteristics

- a) Excellent chemical resistance.
- b) Soft, flexible, light clamping force to seal.
- c) Easy cutting, scissors or knives can be used.
- d) High-density, fibrous, 3D structure, which greatly reduces cold flow creep.

Physical Properties

- a) Length Tensile strength: >20Mpa ASTM F-152
- b) Cross Tensile strength: >20Mpa ASTM F-152
- c) Compressive strength: 14.7Mpa
- d) Max Compressive strength: 20.0Mpa
- e) Gravity: 0.7~0.85 g/cm³
- f) Temperature: -240~260°C

Seal Properties

Compression (ASTM F36)	Recovery (ASTM F36)	Leakage(cm ³ /s) (ASTM F37B)	Stress Relaxation Ratio (ASTM F36)
MRC's compression 63%	MRC's recovery 0.8mm=8.8% 2.0mm=9.1% 3.0mm>10%	MRC's leakage 0.8mm=0.06ml/hr 2.0mm=0.17ml/hr	MRC's Stress Relaxation Ratio 0.8mm=16.3% 2.0mm=37.1%

Product

Part #	Thickness	Tolerance (inch)	Size(inch)
SVS6060-1/16	1/16 "	±0.0079	±0.787
SVS6060-1/8	1/8 "	±0.0113	
SVS6060-3/16	3/16 "	±0.0118	
SVS6060-1/4	1/4"	±0.0118	