

**PTFE Sheet, 100% Virgin Grade**

**9100**

**PHYSICAL PRODUCT DATA**

Common Applications: Food Processing Plants, Gases, strong acids, strong caustics, chlorine, hydrocarbons, and glass-lined flanges where high purity ingredient requirements must be met.

Max. Temperature Rating: 500°F

Standard Gauges: 1/32", 1/16", & 1/8"

**STYLE #9100** is a solid Virgin Grade PTFE gasket sheet. It allows for easily fabricated gaskets that are ideal for warped or scratched flanges.

PHYSICAL TEST ORIGINAL PROPERTIES	TYPICAL VALUES	TEST METHOD
Compression @ 5000 psi	70 - 80%	ASTM F-36
Recovery (minimum %)	8%	ASTM F-36
Creep Relaxation (maximum %)	0 - 10%	ASTM F-38B
Gas Permeability (Nitrogen in cc/min.) 3535	0.04	DIN
Service Temperature	-350°F to + 500°F	
Service Pressure, Maximum	1200 psi	
pH Range	0 to 14	
P x T (psig x F°) Maximum for 1/16" Thickness	350,000	
P x T (psig x F°) Maximum for 1/8" Thickness	250,000	

**Style 9100 virgin PTFE** is excellent for those challenging applications that demand material that can withstand a broad temperature range and provide excellent chemical resistance. Molded sheets meet ASTM D3294 specifications. **Style 9100** is particularly useful in those applications where only the highest purity product will meet your stringent requirements.

*For FDA compliant PTFE sheet please ask about MPRC **Style 9130***