

**Restructured PTFE Sheet**

**PHYSICAL PRODUCT DATA**

Common Applications: Water, steam, gases, moderate acids, strong caustics, chlorine, Hydrocarbons, hydrogen and aluminum fluoride

Max. Temperature Rating: 500°F

Standard Gauges: 1/32" x 47" x 47", 1/16" & 1/8" x 62" x 62"

**STYLE #9141** is a re-structured PTFE gasket sheet with excellent physical properties to be used in the most demanding applications. Its specific construction of virgin PTFE and Barium Sulfate fillers limits both creep and cold flow in service and at temperature.

<b>PHYSICAL TEST ORIGINAL PROPERTIES METHOD</b>	<b>TYPICAL VALUES</b>	<b>TEST</b>
Compression @ 5000 psi	4 - 10%	ASTM F-36
Recovery (minimum %)	42%	ASTM F-36
Creep Relaxation (maximum %)	0 - 12%	ASTM F-38B
Tensile Strength – (psi)	2030	ASTM F-152
Sealability (ASTM FUEL A in ml/hr)	0.04	ASTM F-37B
Gas Permeability (Nitrogen in cc/min.)	<0.019	DIN 3535
Service Temperature	-350°F to + 500°F	
Service Pressure, Maximum	1200 psi	
pH Range	0 to 14	
Specific Gravity (grams/cm <sup>3</sup> )	2.87	
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	