

PTFE Sheet, Mechanical Grade

9000

PHYSICAL PRODUCT DATA

Common Applications: Gases, strong acids, strong caustics, chlorine, Hydrocarbons, and glass-lined flanges.

Max. Temperature Rating: 500°F

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

STYLE #9000 is a solid Mechanical Grade PTFE gasket sheet. Its specific construction of 75% virgin PTFE with 25% reground PTFE allows for easily fabricated gaskets that are ideal for warped or scratched flanges.

PHYSICAL TEST ORIGINAL PROPERTIES METHOD	TYPICAL VALUES	TEST
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.)	0.04	DIN 3535
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	