

Expanded Cellular PTFE Sheet

9140

PHYSICAL PRODUCT DATA

Common Applications: Water, steam, 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 #9140 is an expanded cellular PTFE gasket sheet with physical properties to be used in the most demanding applications. Its specific construction of virgin PTFE allows for easily fabricated gaskets that are ideal for warped or scratched flanges and reduces both creep and cold flow in service.

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	