



## Non-Asbestos Gasket Material (Green)

Product Code: 6000BPM

Description: Made from Aramid fiber, mineral fiber, and inorganic fillers bonded with synthetic NBR elastomers

Applications: Suitable for oil resistant gasket material for light to medium loading. It is suitable for low operating pressure in transformers, compressors, and similar equipment. It can also be used in low surface pressure components like valve covers, pans, and internal combustion engines.

Temperature Performance:	Max. Peak Temp.	570°F
	Max. Continuous Temp.	428°F
	Max. Continuous Temp. w/steam	320°F
	Max. Operating Pressure	1137 psi
ASTM Call Out:	F104F712122A9B4E12M4	

<u>Typical Properties</u>	<u>Test Method</u>	<u>Typical Value</u>
Thickness (available)	ASTM D1777	.015, .031, .062, .093, .125, .187, .250
Density		115 lbs./ft <sup>3</sup> nom
Tensile Strength		
a) ACC to ASTM F152 (across grain)		45 lbs./in min.
b) ACC to DIN52910 (across grain)		28.5 lbs./in min.
Compressibility	ASTM F36A	5-15%
Recovery	ASTM F36A	≥ 50%
Fluid Absorption		
a) In ASTM oil No. 3	ASTM F 146	
Increase in mass		≤ 15%
Increase in thickness		≤ 10%
b) In fuel B	ASTM F 146	
Increase in mass		≤ 10%
Increase in thickness		≤ 10%
c) In water/antifreeze	ASTM F 146	
Increase in mass		≤ 15%
Increase in thickness		≤ 15%
Ignition loss	DIN 52911	≤ 35%
Seal ability against Nitrogen	DIN 3535	≤ 1.0 Cm <sup>3</sup> /min

Thermodyn products are manufactured to general RMA standards and meet the above data sheet guidelines. It is the responsibility of the end user to qualify the material to its intended application. Defects or damage resulting from misuse or mishandling are not covered by Thermodyn's limited liability policy. Values covered in this data sheet are nominal values that we believe to be accurate and reliable for purposes of qualification in end use applications.