



Cork/Neoprene Gasket Material

Product Code: Style 6200
 Description: General Purpose Cork/Neoprene Gasket Material
 Specifications: Temperature range 250°F maximum

<u>Typical Rubber Properties</u>	<u>ASTM Method</u>	<u>Typical Value</u>
Color	Visual	Brown/Black
Durometer	ASTM D2240	55 – 75
Density (kg/m ³)	ASTM F-1315	720 – 960
Tensile Strength, (Mpa)	ASTM F 152	1.72 Min.
Compressibility (400 psi), (%)	ASTM F 36	25 – 40
Recovery, (%)	ASTM F 36	80% min.
Flexibility, initial F=5	ASTM F 147	No Crack
Compression Set, Method A, 22 hrs., 70C, (%)	ASTM D395	40 max.
<u>Properties After Aging</u>	<u>ASTM Method</u>	<u>Typical Value</u>
Volume Change, ASTM #1, 70 hrs. @ 100C (%)	ASTM F 146	-5 to +15
Volume Change, IRM 903, 70 hrs. @ 100C (%)	ASTM F 146	+15 to +50
Volume Change, Fuel A, 22 hrs. at RT (%)	ASTM F 146	0 to +15

Uses for Cork/Neoprene:

Thermodyn Global Sealing’s Cork/Neoprene gasket material is ideal for applications with poor sealing conditions. The compressibility of the material performs well in low torque or bolt pressure flange gaskets, particularly in lower pressure service. As a general rule the combination of cork and neoprene is designed for use as a low pressure water flange material when typical sealing surfaces maybe uneven.

Good end use applications for Cork/Neoprene include general seal covers, crank cases on industrial equipment, sumps pump seals, case covers, industrial inspection doors, machine valve covers, transformers & switchgear, and industrial lid applications.

Notes on Cork/Neoprene:

Cork/Neoprene or Neoprene bonded cork displays good properties in oil resistance and is relatively inexpensive compared to other sealing material options. The combination of Neoprene and cork seal well at low bolt torque and flange pressures. It service temperature typically reaches 250°F.

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.

