



Cork/Neoprene Gasket Material

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.

TECHNICAL DATA SHEET | (EFFECTIVE 24FEB25)

Cork/Neoprene Gasket Material

PHYSICAL PROPERTY	TEST METHOD	UNIT	VALUE
Color		-	Brown/Black
Durometer	ASTM D2240	-	55 - 75
Density	ASTM F-1315	kg/m ³	720 -960
Tensile Strength	ASTM F152	mpa	1.72 min.
Compressibility (400 psi)	ASTM F36	%	25 - 40
Recovery	ASTM F36	%	80 min.
Flexibility, initial F=5	ASTM F147	-	No Crack
Compression Set Method A, 22 hrs, 70°C	ASTM D395	%	40 max.
Volume Change, ASTM #1, 70 hrs. @ 100C	ASTM F146	%	-5 to 15
Volume Change, IRM 903, 70 hrs. @ 100C	ASTM F146	%	15 to 50
Volume Change, Fuel A, 22 hrs. at RT	ASTM F146	%	0 to 15