

Garlock 660

MATERIAL PROPERTIES*

Composition:	Vegetable fiber with cork granules and glue-glycerin binder
Fluid Services¹:	Water, aliphatic hydrocarbons, oils and gasoline
Temperature², °F (°C), Maximum:	+212 (+100)
Pressure², Maximum, psig (bar):	200 (13.8)
P x T (max.)², psig x °F (bar x °C):	40,000 (1,300)
Meets Specification:	ASTM-D-1170-62T Grade P-3415-A, SAE J90 Grade P-3415-A, MIL-G-12803C Grade P-3415-A

TYPICAL PHYSICAL PROPERTIES*

ASTM F36	Compressibility at 1000psi, range, %:	40-55	
ASTM F36	Recovery, %:	40	
ASTM F152	Tensile, Across Grain, psi (N/mm²):	1000 (7)	
ASTM D149	Dielectric Properties, range, volts/mil.		
	Sample conditioning	<u>1/16"</u>	<u>1/8"</u>
	None	18	-
	96 hours at 100% Relative Humidity:	-	-
ASTM F586	Design Factors	<u>1/16" & Under</u>	<u>1/8"</u>
	"m" factor:	2.2	2.2
	"y" factor, psi (N/mm ²):	1000 (6.9)	2000 (13.8)

IMMERSION PROPERTIES* - ASTM F146 Fluid Resistance after Twenty-two Hours

	Distilled Water 70-85°F (20-30°C)	ASTM IRM #903 70-85°F (20-30°C)	ASTM Fuel B 70-85°F (20-30°C)
Thickness Increase, (%)	<30	<5	<5
Weight Increase, (%)	<100	<30	<30

Notes:

This is a general guide and should not be the sole means of selecting or rejecting this material. ASTM test results in accordance with ASTM F-104; properties based on 1/32" (0.8mm) sheet thickness unless otherwise mentioned.

* Values do not constitute specification Limits