

Vegetable Fiber Gasketing



Typical Physical Properties*

	660	670	681
Material	Vegetable fiber with cork granules and glue-glycerin binder	Cellulose fiber with cork, nitrile rubber	Vegetable fiber with glue-glycerin binder
Temperature, max.	+212°F (+100°C)	+300°F (+149°C)	+212°F (+100°C)
Pressure, max psig (bar)	200 (15)	—	200 (15)
P x T, max. psig x °F (bar x °C)	40,000 (1,300)	—	40,000 (1,300)
Widths available (standard) inches	36	43	36
Thicknesses available inches 1/32, 3/64, 1/16, 3/32, 1/8, 3/16, 1/4	0.010, 1/64, 0.021,	1/64, 1/32, 1/16, 1/8 0.021, 1/32, 3/64, 1/16, 3/32, 1/8, 3/16, 1/4	0.006, 0.010, 1/64,
Fluid Resistance¹			
ASTM IRM #903 Oil			
Thickness increase max. %	5	25	5
Weight increase max. %	30	95	15
ASTM Fuel B			
Thickness increase max. %	5	25	5
Weight increase max. %	30	85	15
Distilled Water			
Thickness increase max. %	30	45	30
Weight increase max. %	100	70	90
Compressibility at 1,000 psi Range %	40-55	30-50	25-40
Recovery %	>40	>30	>40
Tensile Strength, min. psi (N/mm ²)	1,000 (7)	800 (6)	2,000 (14)
Meets Specifications	ASTM-D-1170-62T, Grade P-3415-A; SAE J90, Grade P-3415-A; MIL-G-12803C, Grade P-3415-A		ASTM-D-1170-62T, Grade P-3313-B; SAE J90, Grade P-3313-B; MIL-G-12803C, Grade P-3313-B; HH-P-96F Type 1

¹ Gasket materials are immersed in fluids for 22 hours at 70°-85°F (21-29°C).

* Values do not constitute specification limits

WARNING:

Properties/applications shown throughout this brochure are typical. Your specific application should not be undertaken without independent study and evaluation for suitability. For specific application recommendations consult Garlock. Failure to select the proper sealing products could result in property damage and/or serious personal injury.

Performance data published in this brochure has been developed from field testing, customer field reports and/or in-house testing.

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Vegetable Fiber Tolerances on Thicknesses

0.006"	± 0.0035"	0.062"	± 0.005"
0.010"	± 0.0035"	0.096" (3/32")	± 0.008"
0.015"	± 0.0035"	0.125"	± 0.016"
0.021"	± 0.005"	0.187"	± 0.016"
0.031"	± 0.005"	0.250"	± 0.016"
0.046"	± 0.005"		