

**Product Class: Cork / Rubber**

<u>Property</u>	<u>Test Method</u>	<u>Typical Result</u>
Density	ASTM D3676	35.6 lbs./ft <sup>3</sup> (0.57 g/cm <sup>3</sup> )
Tensile Strength	ASTM F152	220 lbs./in <sup>2</sup> (1.5 MPa)
Compression @ 200 psi	ASTM F36	30%
Compression @ 400 psi		50%
Recovery		80%
MIL Recovery		95%
Flexibility	ASTM F147	3 max.
Shore A Hardness	ASTM D2240	60
Compression Set B	ASTM D395	60% max
25% deflection, 22 hrs. @ 158°F		
Fluid Immersion	ASTM F146	change in volume
Oil 1	70 hrs. @ 212°F	-2 to +10%
Oil 3	70 hrs. @ 212°F	0 to +30%
MIL Medium 5 Fuel	22 hrs. @ 75°F	+15 to +50%
Fuel A	22 hrs. @ 75°F	0 to +15%
Temperature Range	- 40° to + 250°F (-40° to + 121°C)	
Meets the following specs: AMS-C-6183 (previously MIL-C-6183b) Type 1 or 2, Cl 2, Gr A		
This material has a shelf life of 5 years from date of manufacture when protected from environmental extremes.		

*The values shown represent current production and may vary under different conditions.*

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Approved By: W.Welch

Doc Name:	Public Spec E30 (8025)
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Revision	Date	Revised by	Changes
New	6/21/2016	W.Welch	Creation of the Public Spec.
1	6/7/2019	W.Welch	Three year review; no change.
2	8/1/2022	W.Welch	Added part number; rounded data values.