

Product Class: Cork / Rubber

<u>Property</u>	<u>Test Method</u>	<u>Typical Result</u>
Density	ASTM D3676	48.4 lbs./ft ³ (0.78 g/cm ³)
Tensile Strength	ASTM F152	350 lbs./in ² (2.4 MPa)
Compression @ 300 psi	ASTM F36	25% (Recovery 95%)
@ 400 psi		32% (Recovery 83%)
Flexibility	ASTM F147	3 max.
Shore A Hardness	ASTM D2240	70
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 +20%
Oil 3	70 hrs. @ 212°F	+5 to +35%
Fuel A	22 hrs. @ 75°F	0 to +15%
Temperature Range	- 40° to + 250°F (-40° to + 121°C)	
Meets the following specs:	ASTM F104 F226000 M2 T MIL-G-12803 P2255A (superseded in 1997 by ASTM F104) AMS-C-6183 (previously MIL-C-6183b) Type I or II, Cl 2, Gr B	
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 E40 (8016)
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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	Removed 100N; added part number;