

**Product Class: Cork / Rubber**

| <u>Property</u>                  | <u>Test Method</u>       | <u>Typical Result</u>                             |
|----------------------------------|--------------------------|---|
| Density                          | ASTM D3676               | 41 lbs./ft <sup>3</sup> (0.66 g/cm <sup>3</sup> ) |
| Tensile Strength                 | ASTM F152                | 215 lbs./in <sup>2</sup> (1.5 MPa)                |
| Compression @ <b>400</b> psi     | ASTM F36                 | 40%   |
| Recovery                         |                          | 83%   |
| Shore A Hardness                 | ASTM D2240               | 64  |
| Flexibility                      | ASTM F147                | 3 max.  |
| Fluid Immersion                  | ASTM F146                |   |
|                                  | Oil 1 (70 hrs. at 212°F) | -2 to +15%  |
|                                  | Oil 3 (70 hrs. at 212°F) | 0 to +35%   |
|                                  | Fuel A (22 hrs. at 74°F) | -2 to +15%  |
| Compression Set B                | ASTM D395                |   |
| 25% deflection, 22 hrs. at 158°F |                          | 60% max.  |
| Temperature Range                |                          | - 40 to 250°F (- 40 to 121°C)                     |
| Meets Specification:             | ASTM F104 F227000 M1     |   |

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 DRG-46 (8022)

| 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        | 6/16/2020 | W.Welch    | correct compression - @400 psi.            |
| 3        | 8/1/2022  | W.Welch    | Updated Fluid Immersion; added part number |