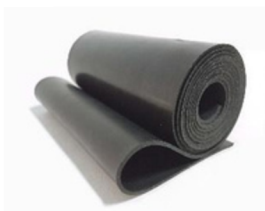


## Sealmax Style 9016 - Viton Rubber



### Applications:

- **Sealmax Style 9016** - Viton rubber gaskets are known for their exceptional chemical resistance, particularly against aggressive substances such as fuels, oils, and a wide range of acids and solvents. They also perform well in extreme temperatures, withstanding both high heat and low cold environments.
- **Style 9016** is widely used in automotive, aerospace, and chemical industries due to its durability and resistance to compression set, making it ideal for seals, O-rings, and gaskets in demanding environments

### TECHNICAL SPECIFICATIONS

| SR.NO. | PROPERTIES  | TEST METHOD | VALUE FPS UNITS  | TEST METHOD REFERENCE | VALUES METRIC UNITS |
|--------|---|-------------|------------------|-----------------------|---------------------|
| 1.     | SPECIFIC GRAVITY                                    |             | 1.95 ± 0.05      | ASTM D297             | 1.95 ± 0.05         |
| 2.     | HARDNESS  | ISO 48-4    | 70 ± 5 SH A      | ASTM D2240            | 70 ± 5 Sh A         |
| 3.     | TENSILE STRENGTH (min)                              | ISO 37      | 853 PSI          | ASTM D412             | 60 kg/cm 2          |
| 4.     | ELONGATION AT BREAK (min)                           | ISO 37      | 250%             | ASTM D412             | 250 %               |
| 5.     | COMPRESSION SET (70°C/24 hrs/25% compression) (max) | ISO 815-1   | 35 %             | ASTM D395 METHOD B    | 35 %                |
| 6.     | TEAR RESISTANCE (Angular) min                       | ISO 34-1    | 112 Lbs./Inch    | ASTM D624             | 20 Kg/cm            |
| 7.     | CHANGE IN PROPERTIES AFTER                          |             |                  |                       |                     |
| 8.     | HEAT AGEING FOR (72 hrs. AT 70 °C)                  |             |                  | ASTM D573             |                     |
| 9.     | --- HARDNESS (Pts)                                  |             | + 5 (Max)        |                       | + 5 (Max)           |
| 10.    | --- TENSILE STRENGTH (%)                            |             | +10 /-10         |                       | +10 /-10            |
| 11.    | --- ELONGATION AT BREAK (%)                         |             | +15 /-15         |                       | +15 /-15            |
| 12.    | VOLUME SWELL: AT 70°C FOR 72 HRS                    | ASTM D 471  |                  |                       |                     |
| 13.    | IN IRM OIL NO.901                                   |             | -6 %             |                       | -6 %                |
| 14.    | IN IRM OIL NO.902                                   |             | -1 %             |                       | -1 %                |
| 15.    | IN IRM OIL NO.903                                   |             | +5 %             |                       | +5 %                |
| 16.    | CHEMICAL RESISTANCE                                 |             |                  |                       |                     |
| 17.    | --- OZONE   |             | EXCELLENT        | ASTM D 1149           | EXCELLENT           |
| 18.    | --- DILUTE ACIDS AND BASES                          |             | EXCELLENT        |                       | EXCELLENT           |
| 19.    | --- CONCENTRATED ACIDS AND BASES                    |             | EXCELLENT        |                       | EXCELLENT           |
| 20.    | --- OILS  |             | VERY GOOD        |                       | VERY GOOD           |
| 21.    | --- SOLVENTS  |             | VERY GOOD        |                       | VERY GOOD           |
| 22.    | TEMPERATURE RANGE                                   |             | -30° to + 275° C |                       | -30° to + 275° C    |

All technical data and recommendations are given based on our experience. However, we assume no liability whatsoever. All data and values must be verified by the user, as the effectiveness of a seal can only be accurately judged by evaluating all data parameters directly on site. The stated parameters of all packing styles are approximate and may be influenced if occurring together. We suggest you to contact us in case of any special applications.



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