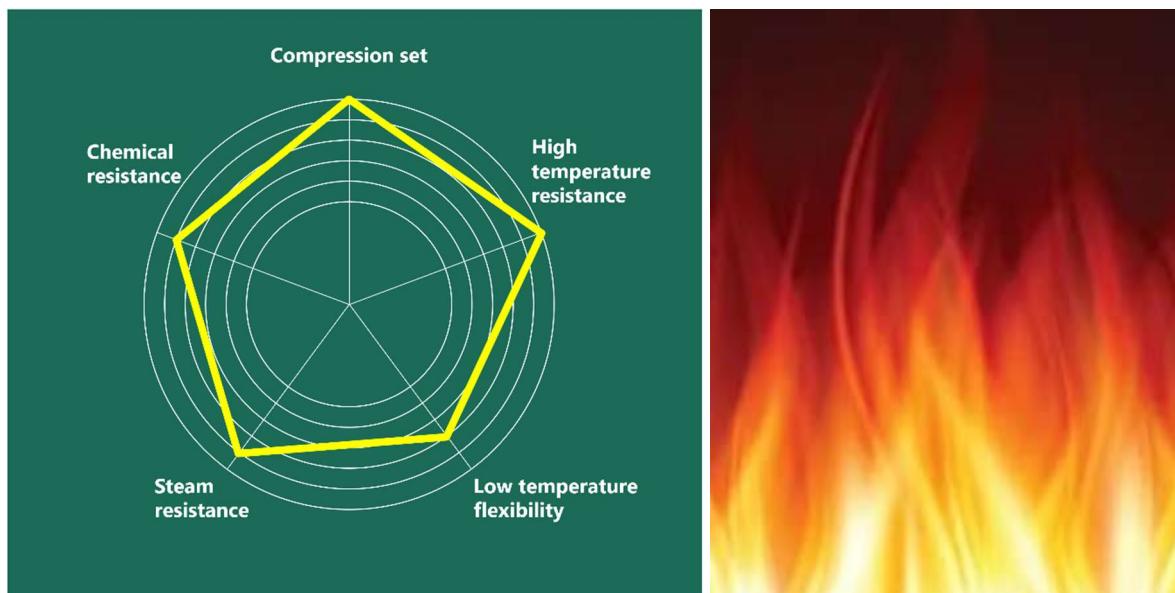


# SEALREZ 9700C

Sealrez® 9700C perfluorelastomer compounds in black color have been developed for general purpose use in O-rings and custom moulded parts used in demanding high temperature processes. Sealrez® 9700C compounds are the best choice for high temperature resistance in accordance with an excellent compression set. For chemical resistance, Sealrez® 7700C series remain the best choice followed by Sealrez® 9700C series. Sealrez® 9700C compounds are used in today's smaller and lighter mechanical seal designs with reduced spring force retention demanding an excellent compression set.

Sealrez® 9700C results in lower costs due to increased mean time between failures in your process.



| Physical Properties                        | Unit      | Measured         |
|--|-----------|------------------|
| Hardness <sup>1</sup>                      | Shore-A   | 75               |
| Tensile strength <sup>2</sup>              | MPa (psi) | 17,5 (2742)      |
| Elongation at break <sup>2</sup>           | %         | 140              |
| Modulus @ 100% <sup>2</sup>                | MPa (psi) | 5,4 (776)        |
| Compression set 70hrs @ 300°C <sup>3</sup> | %         | 33               |
| Minimum operating temperature              | °C        | -10              |
| Maximum operating temperature              | °C        | 317 <sup>4</sup> |

<sup>1</sup> ASTM D2240

<sup>2</sup> ASTM D412

<sup>3</sup> ASTM D1414 (AS568 K214 O-ring)

<sup>4</sup> Formulation 9700C+ up to 325°C

Sealrez® trademark is owned by Sealution. Further information can be found at [www.sealrez.eu](http://www.sealrez.eu)  
Contact us at  +31 223 714 110 or  [info@sealrez.eu](mailto:info@sealrez.eu)

