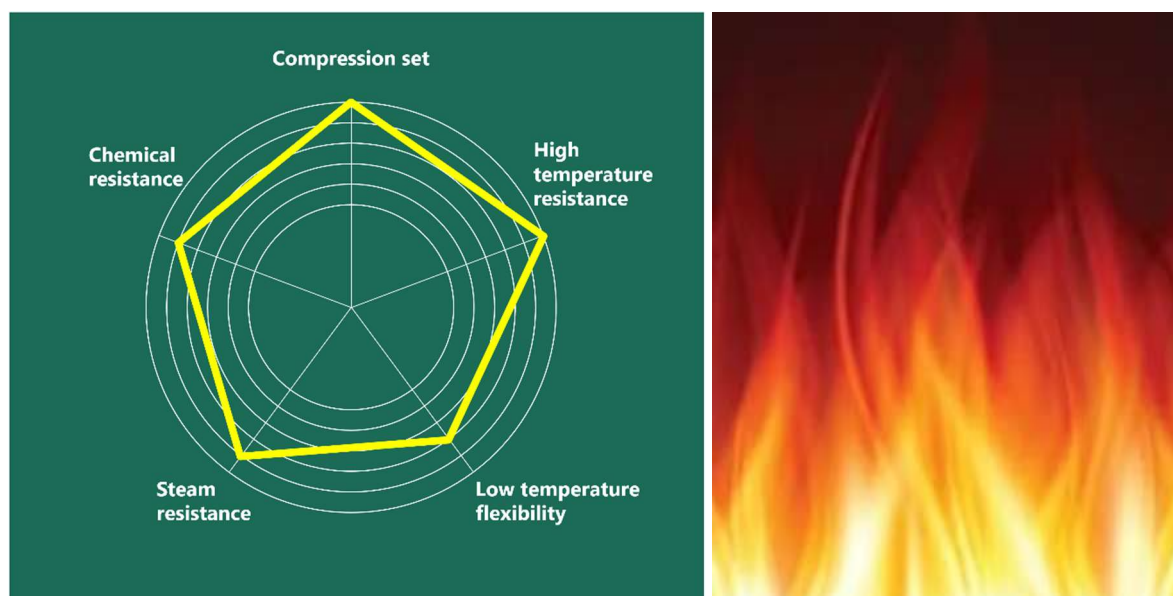


SEALREZ 9700C

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

¹ ASTM D2240

² ASTM D412

³ ASTM D1414 (AS568 K214 O-ring)

⁴ Formulation 9700C+ up to 325°C

Sealrez® trademark is owned by Sealution. Further information can be found at www.sealrez.eu
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