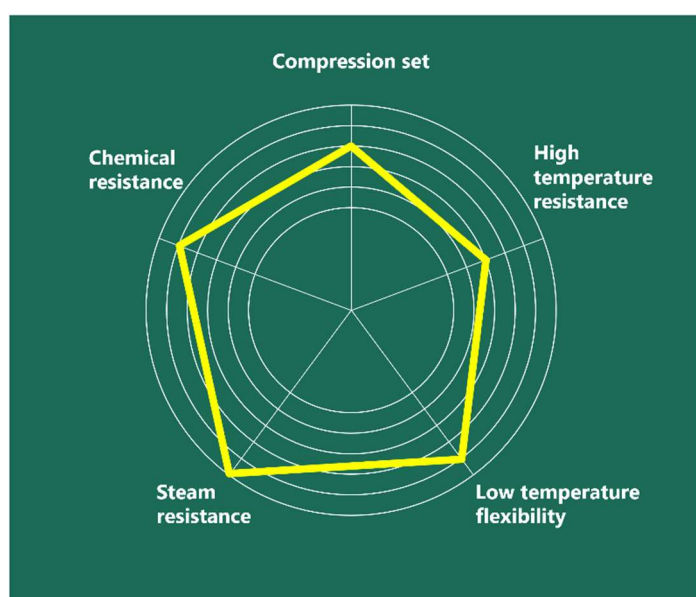


SEALREZ 5800E

Sealrez® 5800E perfluorelastomer compounds in black color have been developed for use in O-rings and custom moulded parts used in harsh environments where often rapid gas decompression occurs. While gases naturally permeate rubber materials under relatively high pressure, Sealrez® 5800E resists damage caused by explosive decompression — the sudden release and expansion of these trapped gases. Seals in such applications are also called Anti-Explosion after Decompression- or AED seals. Sealrez® 5800E series consist of compounds which excels in sour fluid resistance including H₂S but also biogases.

Sealrez® 5800E is the safest choice for extreme oil- and gas applications.



Physical Properties	Unit	Measured
Hardness ¹	Shore-A	90
Tensile strength ²	MPa (psi)	22,3 (3229)
Elongation at break ²	%	104
Modulus @ 100% ²	MPa (psi)	12,0 (1720)
Compression set 70hrs @ 200°C ³	%	36
Minimum operating temperature	°C	-10
Maximum operating temperature	°C	230

¹ ASTM D2240

² ASTM D412

³ ASTM D395B

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