

High Performance Seal Division

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Sanifluor[®] 9000 AFLAS[®] ED Resistant Formulation O-Rings, Gaskets and Seals



Sanifluor[®] 9000 has been specifically developed to function in challenging environments where chemical, steam and caustic resistance at high temperatures are required. Sanifluor 9000 is also highly resistant to explosive decomposition.

TYPICAL PROPERTIES

Physical Properties	ASTM Method	Typical Value
Color		Black
Specific Gravity	D297	1.65
Hardness, Shore A. Points	D2240	90
Elongation @ Break %	D1414	120
Modulus @ 50% Elongation, psi	D1414	845
Modulus @ 100% Elongation, psi	D1414	2625
Tensile Strength @ Break, psi	D1412	3000
Service Temperature Range, °F		23° to 450°F
Service Temperature Range, °C		-5°C to 230°C
Compression Set @ 25% Deflection 70Hours @ 392° F/200°C, in Air % of original deflection	D395 Method B	30

Unless otherwise noted all tests conducted on AS 568 (-214) O-Rings