

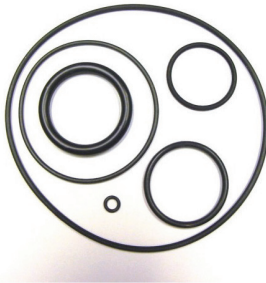
# High Performance Seal Division

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## Sanifluor<sup>®</sup> 1040 AFLAS<sup>®</sup> ED General Purpose Formulation O-Rings, Gaskets and Seals

Sanifluor<sup>®</sup> 1040 has excellent chemical, heat and steam resistance. It provides superior performance in hot water, steam and virtually all caustics. This compound performs very well in aggressive environments that can be too harsh for commonly used sealing materials such as silicone, EPDM and FKM.

### TYPICAL PROPERTIES

Physical Properties	ASTM Method	Typical Value
Color		Black
Specific Gravity	D297	1.65
Hardness, Shore A. Points	D2240	80
Elongation @ Break %	D1414	165
Modulus @ 50% Elongation, psi	D1414	845
Modulus @ 100% Elongation, psi	D1414	1720
Tensile Strength @ Break, psi	D1412	2550
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	32

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

Sanifluor<sup>®</sup> 1040 is available in all AS-568 O Ring sizes and custom shapes.