

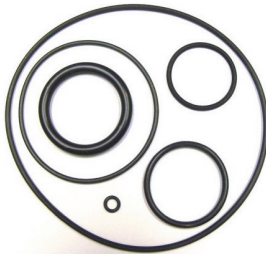
High Performance Seal Division

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Kyflon™ 3070 Perfluoroelastomer



Kyflon 3070 is a general purpose perfluoroelastomer compound that has outstanding high temperature capabilities (up to 590° F). Kyflon 3070 has broad chemical resistance and has been developed to perform well in a wide range of industrial applications.

TYPICAL PROPERTIES

Physical Properties	ASTM Method	Typical Value
Color		Black
Hardness, Shore A. Points	D2240	70
Temperature Retraction TR-10 degrees C	D1429	-5°C
Elongation @ Break %	D1414	195
Tensile Strength @ Break, psi	D1414	2700
Service Temperature Range, °F		-4°F to 590°F
Service Temperature Range, °C		-20°C to 310°C
Specific Gravity	D297	(g/cm ³) 1.997
Compression Set @ 25% Deflection 70 Hours @ 400°F/204°C, in Air, % of original deflection		22
Compression Set @ 25% Deflection 70 Hours @ 527°F/275°C, in Air, % of original deflection		31
Compression Set @ 18% Deflection 70 Hours @ 615°F/324°C, in Air, % of original deflection		40

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