

# High Performance Seal Division

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## KYFLON™ 3084 Perfluoroelastomer

KYFLON 3084™ represents a true advancement in perfluoroelastomer chemistry. It offers a combination of very high heat resistance in all conditions including steam up to 300° C. It has been formulated to provide excellent chemical resistance in more than 1800 chemicals. Kyflon 3084's outstanding temperature stability extends service life in virtually all applications.

Kyflon 3084 is FDA and USP Class VI Compliant and also meets NACEM0297.

### TYPICAL PROPERTIES

Physical Properties	ASTM Method	Typical Value
Color		Black
Hardness, Shore A. Points	D2240	80
100% Modulus (MPa)	D412	13.9
Elongation @ Break %	D1412	115
Tensile Strength (MPa)	D1414	15.3
	D297	
Maximum Operating Temperature		320°C/608°F
Maximum Operating Temperature Steam		300°C/572°F
Compression Set @ 25% Deflection 72 Hours @ 392°F 200°C, in Air, % of original deflection		21
Compression Set @ 25% Deflection 168 Hours @ 392°F 200°C, in Air, % of original deflection		22

Unless otherwise noted, all tests conducted on AS 56A (-214) o-rings

As indicated physical property values are typical. All statements and recommendations in this publication are based on our experience and knowledge of typical applications of this product and shall not constitute a guarantee of performance nor modify or alter our standard warranty for this product. Prior to actual use it is highly recommended that suitable tests be run to determine this product's suitability in a specific application. This is critical where failure could result in injury or damage.