

Kyflon™ 3090

Perfluoroelastomer O-Rings, Gaskets and Seals



Kyflon 3090 is a high strength, high modulus perfluoroelastomer compound that has excellent resistance to a broad range of chemicals. This compound has good mechanical properties and is explosive decompression resistant. Kyflon 3090 has superior thermal stability.

Typical Properties

Physical Properties	ASTM Method	Typical Value
Color		Black
Hardness, Shore A. Points	D2240	90
Temperature Retraction TR-10 °C	D1429	-5°
Elongation @ Break %	D1414	160
Tensile Strength @ Break, psi	D1414	3050
Service Temperature Range, °F		19°F to 592°F
Service Temperature Range, °C		-7°C to 310°C
Compression Set @ 25% Deflection 70 Hours @ 392°F/200°C, in Air, % of original deflection		18

Unless otherwise noted all tests conducted on AS 568 (-214) o-rings

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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.