

High Performance Seal Division

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Kyflon™ 3092 Perfluoroelastomer O-Rings, Gaskets and Seals

KYFLON 3092 is a high durometer general purpose carbon filled perfluoroelastomer compound that has good high temperature capabilities (continuous up to 482° F). Kyflon 3092 has been formulated for use in the most severe chemical environments. It has low compression set characteristics along with other enhanced physical properties. Kyflon 3092 retains its stability throughout temperature cycling and provides long service life at continuous elevated operating temperatures.

Kyflon 3092 is available in all AS-568 O Ring sizes, gaskets and custom shapes.

TYPICAL PROPERTIES

Physical Properties	ASTM Method	Typical Value
Color		Black
Hardness, Shore A. Points	D2240	90
Elongation @ Break %	D1414	81
Tensile Strength @ Break, psi	D1414	2246
Service Temperature Range, °F		-21°F to 482°F
Service Temperature Range, °C		-6°C to 250°C
Modulus @ 50%, psi	D1414	828
Compression Set @ 25% Deflection 70 Hours @ 392°F/200°C, in Air % of original deflection	ASTM D395-03	27.5

Unless otherwise noted all tests conducted on AS 568 (-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.