

Kyflon™ 3091

Perfluoroelastomer



Kyflon 3091 is a high durometer general purpose carbon filled perfluoroelastomer compound that has excellent high temperature capabilities (continuous up to 536° F). It has low compression set characteristics along with the broad chemical resistance found with perfluoroelastomer based compounds.

Kyflon 3091 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
100% Modulus	D412	2031
Elongation @ Break %	D1414	147
Tensile Strength @ Break, psi	D1414	2998
Specific Gravity	D297	1.97
Maximum Continuous Service °F		536°F
Maximum Continuous Service °C		280°C
Compression Set @ 25% Deflection 70 Hours @ 400°F/204°C, in Air, % of original deflection		28

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.