

Kyflon™ 3000

Perfluoroelastomer O-Rings, Gaskets, O-Ring Cord Stock, Vulcanized O-Rings and Sheet



Kyflon 3000 is a general purpose carbon filled perfluoroelastomer compound that has outstanding high temperature capabilities (continuous up to 590° F). It has low compression set characteristics along with the broad chemical resistance found with perfluoroelastomer based compounds. Kyflon 3000 is suited for most applications in all industries. It is not recommended for use with water/steam and aliphatic amines at higher temperatures.

Typical Perfluoroelastomer

Physical Properties	ASTM Method	Typical Value
Color		Black
Hardness, Shore A. Points	D2240	75
Temperature Retraction TR-10 °C	D1429	-5° C
Elongation @ Break %	D1414	175
Tensile Strength @ Break, psi	D1414	2690
Maximum Continuous Service °F		590° F
Maximum Continuous Service °C		310° C
Compression Set @ 25% Deflection 70 Hours @ 400°F/204°C, in Air, % of original deflection		10
Compression Set @ 25% Deflection 70 Hours @ 527°F/275°C, in Air, % of original deflection		25
Compression Set @ 18% Deflection 70 Hours @ 615°F/324°C, in Air, % of original deflection		42

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.