

High Performance Seal Division

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Kyflon™ 3040 Perfluoroelastomer O-Rings, Gaskets and Seals

Kyflon 3040 is specifically formulated for low-temperature environments where superior chemical resistance is required. Kyflon 3040 O-Rings are ideally suited for applications in the chemical transportation industry or similar applications where sealing performance at extreme low temperatures is essential. Kyflon 3040 retains its stability throughout temperature cycling and provides long service life at continuous elevated operating temperatures.

Kyflon 3040 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	75
Temperature Retraction TR-10 degrees C	D1429	-30°C
Elongation, @ Break %	D1414	201
Tensile Strength @ Break, psi	D1414	2038
Service Temperature Range, °F		-22°F to 392°F
Service Temperature Range, °C		-30°C to 200°C
Modulus @ 100% Elongation, psi	D1414	581
Specific Gravity		1.96
Compression Set @ 25% Deflection 70 Hours @ 392°F/200°C, in Air, % of original deflection	ASTM D395-03	35%

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.