

# High Performance Seal Division

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## KYFLON™ 3073 Perfluoroelastomer

KYFLON™ 3073 combines excellent low temperature performance with broad chemical resistance. It is ideal for the extreme conditions found in oil field drilling and completion tools used in the Arctic or deepwater drilling. Kyflon 3073 is recommended for industrial equipment including pumps, valves and compressors that operate in low temperature environments.

- Wide Temperature Range
- Maintains Sealing Integrity to -40°C
- Broad Chemical Resistance

### TYPICAL PROPERTIES

Physical Properties	ASTM Method	Typical Value
Color		Black
Hardness, Shore A. Points	D2240	75
Elongation @ Break %	D1414	232
Tensile Strength @ Break, psi	D1414	2038
Specific Gravity	D297	1.96
Service Temperature Range °F		-40°F to +446°F
Service Temperature Range °C		-40°C to +230°C
TR10, °C		-29.7°C
Compression Set @ 25% Deflection 70 Hours @ 392°F/200°C, in Air, % of original deflection	D395-03 Method B	34.8

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.