

# High Performance Seal Division

610-603-7525



619 FRANKLIN STREET, WEST READING, PA

T: 610-603-7525 F: 610-603-7559 E: INFO@PTIPRO.COM

## Perfluoroelastomer (FFKM) O-Ring Cord Stock



Kyflon™ perfluoroelastomer cord stock compounds offer outstanding chemical and thermal resistance while combining low compression set and good sealing force characteristics. Kyflon FFKM cord stock is available in standard O Ring cross sections. Utilizing a proprietary FFKM adhesive, Kyflon cord stock can be hot spliced/vulcanized into virtually any diameter, creating a strong molecular bond with no degradation of chemical or heat resistance.

### TYPICAL PROPERTIES PERFLUOROELASTOMER (FFKM) CORD STOCK

		Kyflon 3000	Kyflon 3060
Physical Properties	ASTM Method	Typical Value	Typical Value
Color		Black	Black
Hardness, Shore D. Points	D2240	75	75
Specific Gravity	D1457	1.997	2.10
Elongation @ Break %	D1457	175	146
Tensile Strength @ Break, psi	D4745	2690	1945
High temperature Limit °F		590°F	482°F
High Temperature Limit °C		310°C	250°C
Compression Set @ 25% Deflection 70 Hours @ 400°F/204°C, in Air, % of original deflection		10	25

Unless otherwise noted all tests conducted on AS 56A (-214) O-Rings

### KYFLON CORD STOCK STANDARD PACKAGING\*\*

Fractional	Actual	Tolerance	Length	Length	Length	Length
1/16"	.070"	±.007"	25 ft	50 ft	75 ft	100 ft
3/32"	.103"	±.007"	25 ft	50 ft	75 ft	100 ft
1/8"	.139"	±.007"	10 ft	25 ft	50 ft	75 ft
3/16"	.210"	±.007"	10 ft	25 ft	50 ft	75 ft
1/4"	.275"	±.008"	10 ft	25 ft	50 ft	75 ft

\*\*Custom Lengths and additional cross sections available upon request

### KYFLON ADHESIVE

Standard Packaging		
10 grams	1 oz	2 oz

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.