

# Fluorine Rubber Sheets

By [Fluorine Rubber Sheets](http://www.dongrubber.com) - www.dongrubber.com, sales@dongrubber.com

Fluorine Rubber Sheets, based on hexafluoropropylene vinylidene fluoride, are also called Fluoro Elastomer Rubber or FKM Rubber. ( Dupont called "Viton Rubber Sheets" or Viton).

## Temperature:

- 40 °C to + 250 °C.

## Application:

Fluorine Rubber Sheets have excellent resistance to oxygen, ozone and natural weathering and also have outstanding resistance to compression, especially at elevated temperatures. FKM also possesses a good flame resistance and is usually self extinguishing. Viton rubber sheets resistance to most solvents and chemicals give long service life as it has excellent resistance against hydrocarbons, aliphatic, aromatic and chlorinated chemicals and resistance to acids and alkalis including oxidants. However, they have poor performance against ethers, ketones and bases.

## Specification:

FKM RUBBER (VITON) SHEET: BLACK							
Model	Specific Gravity	Hardness (±5)	Tensile Strength	Elongation at break	Compression Set at 70°C for 22 hrs	Tear Strength	Working Temp.
	g / cm <sup>3</sup>	Shore A	(min) kg / cm <sup>2</sup>	(min) %	%	kg / cm	°C Range
FKM1851	1.85	70	80	200	45	25	-30/275
FKM1951	1.95	70	50	200	50	30	-30/250
FKM2101	2.10	80	40	150	55	25	-30/250

Standard Length	10 Mtr	10,000mm	33ft	11 yard
Standard Width	1.2 / 1.4 / 1.5 mtr	1200 / 1400 / 1500mm	4 / 4.6 / 4.92ft	1.33 / 1.53 / 1.64 yard
Standard Thickness	1 - 50 mm		1/32" - 2"	