

FLUROSILICONE RUBBER SHEETS

【 Dimension 】

Flat Sheets (Up to 500 X 500mm, Thickness 1-25mm)

Coiled Sheets (Width up to 2000mm, Thickness 1-25mm, Unlimited Length)

【 Material 】 Fluorosilicone (FVMQ)

【 Characteristics 】 Combining the virtues of FKM with VMQ, FVMQ has excellent oil resistance, gasoline resistance, heat resistance, cold resistance, and so on.

【 Colors 】 Red, blue, black mainly, and other colors as per customers' requests.

【 Durometers 】 50-80 Shore A

【 Applications 】 used as the mats or liners for the critical environment (high and low temperature) with oil, gasoline or chemicals or made into gaskets by die cutting for the same applications.

【 Advantages 】 The fluorosilicone rubber sheets are even in thickness and have perfect smooth surfaces. They are endowed with excellent physical properties and good resistance to high to low temperature and chemicals. Our capability of making maximum width up to 2000mm and minimum thickness of 0.5mm could allow us to serve most of industries.



【 Tolerance Chart 】

<Thickness Tolerance>

Nominal Thickness (mm)	Tolerance ±
0.5-1.00	0.15
1.00-1.60	0.15
1.60-2.5	0.2
2.50-4.00	0.25
4.00-6.30	0.35
6.30-10.00	0.4
10.00-16.00	0.5
16.00 or more	3.50%

<Width Tolerance>

Normal Width (mm)	Tolerance ±
630-1000	20
1000-1600	30
1600 or more	3%

* High Tolerance can be manufactured upon request.

【 Typical Physical Properties 】

Hardness (Shore A)	ASTM D2240	50-80
Tensile	ASTM D412	5-9MPa
Elongation	ASTM D412	200-400%

