



FUJIKURA COMPOSITES

Highly precise and functional thin film rubber sheets

■ Highly precise film thinning technology

Fujikura's own unique technologies in the fields of ultra-thin rubber sheet production, highly precise thickness control and accurate tolerance make it unrivaled. We will keep on contributing to the quality improvement and stabilization of our customers.

Highly precise thickness with minimum variation

- Rubber sheets as thin as 0.1mm (Silicone, EPDM, IIR, CR, etc.)
- Standard tolerance: $\pm 0.03\text{mm}$ for the thickness of 0.1 - 0.2mm and $\pm 0.05\text{mm}$ for 0.3mm or more
- Single (synthetic) rubber sheets: Thickness of 0.1 - 0.6mm
(Flat on one side and textured on the other or flat/textured on both sides)

On the made-to-order basis

Our rubber sheet and rubberized fabric products are on the made-to-order basis with a few exceptions. With our own rubber compounding and production technologies, we develop and supply products to meet our customers' specifications and needs

Compliant with the regulations for Substances of Environmental Concern

Products free of Substances of Environmental Concern load such as phthalic acids, halogens, etc. can be designed. We provide products complying with the RoHS (Restriction of Hazardous Substances) Directive according to your needs.

TECHNICAL DATA

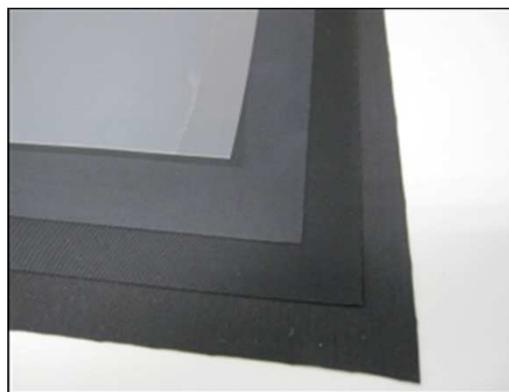
■ Property Data ■

	VMQ (silicone)	EPDM	IIR	CR
Hardness (-)	50	65	65	60
Tensile strength (MPa)	7	11	9	10
Elongation (%)	300	650	600	200

- Figures listed above are properties of typical compounds and do not illustrate the guaranteed values.
- The thickness of each sheet is 0.1 – 0.7mm.

■ Characteristics ■

- **Silicone rubber (VMQ)**
 - Excellent in resistance to weather, heat and cold.
 - Excellent in electric insulation.
- **Ethylene propylene rubber (EPDM)**
 - Excellent in resistance to weather and water.
 - Not suitable for oil resistant use.
- **Chloroprene rubber (CR)**
 - Excellent in resistance to weather.
 - widely used rubber with good balance of properties.



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