

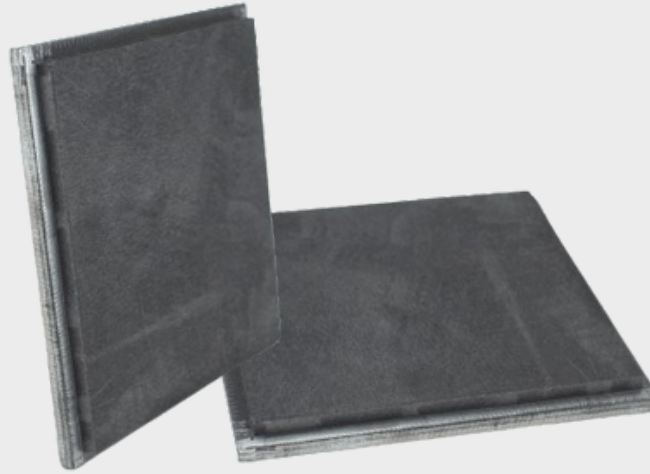
# GRM Graphite Slide Plates

## BENEFITS

- Proven Low Coefficient of Friction
- Product with over 50 years of service
- Custom-designed to your application's requirements
- Manufactured in America.

## SPECIFICATIONS

- Fine-Grain Extruded
- 100% Carbon Graphite



## DESIGN DATA

### LOADING RANGE

The loading range is up to 2,000 psi

### TEMPERATURE RANGE

The temperature range is up to 4,000°F

### COEFFICIENT OF FRICTION

The coefficient of friction is 0.10 to 0.02

PROPERTIES	TEST STANDARD	ENGLISH	
		UOM	
Bulk Density	ASTM C-838	lbs/ft <sup>3</sup>	108
Particle Size	ASTM C-559	Inches	0.031
Electrical Resistivity	ASTM C-830	Ω inch	3.25
Flexural Strength	ASTM C-651	Psi	2300
Compressive Strength	ASTM C-695	Psi	5100
Tensile Strength	ASTM C-565	Psi	1900
Porosity	ASTM C-611	%	18
COE (to 100° C)	ASTM E-228	10-6/°F	1.4
Thermal Conductivity	ASTM C-201	Btu-ft-hr-ft <sup>2</sup> °F	90
Ash Content	ASTM C-561	%	0.12
Hardness		Rockwell "R"	80

Request a quote: [sales@grmcp.com](mailto:sales@grmcp.com)

Website: [www.grmcp.com](http://www.grmcp.com)

Design/specification help: [eng@grmcp.com](mailto:eng@grmcp.com)

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