

# Product Data Sheet

## GRM Slide Plates Unfilled

### Benefits:

Low Coefficient of Friction  
Chemically inert  
Available in many thickness options  
Manufactured in America

### Design Data:

Loading Range: 75 to 2,500psi  
Temperature Range: -320° to +400°F  
Coefficient of friction: < 0.10

### Specifications:

100% Virgin Unfilled PTFE bonded with High-Temperature Epoxy Adhesive to backer plate  
Must be installed to slide against a polished SS surface



### Typical Specifications:

STANDARD ELEMENTS	ALTERNATE ELEMENTS	DESCRIPTION	DETAILS
Upper Element: GRM-0010-SS  Lower Element: GRM-1010-CS (1/4" L)	GRM-0010-SS(316) Type 316 SS with a 2b finish  PTFE Thickness Options: GRM-03 = 1/32" GRM-06 = 1/16" GRM-12 = 1/8" GRM-25 = 1/4" GRM-37 = 3/8" GRM-50 = 1/2"	10ga type 304 SS with a 2b finish on one side.  3/32" Thick, 100% Virgin Unfilled PTFE bonded to 10ga CS with 1/4" lip all around.  Loads: 75 to 2500psi Temps: -320 to +400°F Coefficient of friction < 0.10	  NOTE: TOP ELEMENT LARGER THAN BOTTOM ELEMENT BY ANTICIPATED MOVEMENT

Properties	Test Method	Typical Result
Hardness (Shore D)	ASTM D-2240	60 (± 5)
Specific Gravity	ASTM D-792	2.18
Elongation	ASTM D-638, D-1708	270% Min.
Tensile Strength	ASTM D-638, D-1708	2,800 psi Min.
Temperature Range		-450 to +600°F
Deformation Under Load (73°F, 2000 psi, 24 hrs.)	ASTM D-621	15%

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

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