

GRM Unfilled Slide Plates

BENEFITS

Proven Low
Coefficient of Friction

Chemically inert

Available in many
thickness options

Manufactured in America.

SPECIFICATIONS

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



DESIGN DATA

LOADING RANGE

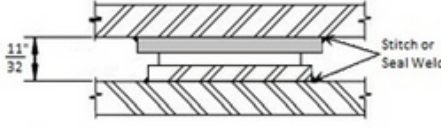
The loading range is
between 75 and 2,500 psi

TEMPERATURE RANGE

The temperature range is
-320°F to +400°F

COEFFICIENT OF FRICTION

The coefficient of friction
is < 0.10

STANDARD ELEMENTS	ALTERNATE ELEMENTS	DESCRIPTION	DETAILS
Upper Element: GRM-0010-SS Lower Element: UTF-1010-CS (1/4" L)	GRM-0010-SS(316) Type 316 SS with a 2b finish PTFE Thickness Options: UTF-03 = 1/32" UTF-06 = 1/16" UTF-12 = 1/8" UTF-25 = 1/4" UTF-37 = 3/8" UTF-50 = 1/2"	10ga type 304 SS with a 2b finish on one side. 3/32" Thick, 100% Virgin Unfilled PTFE bonde 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	Unfilled PTFE	25% Glass Filled PTFE
Hardness (Shore D)	ASTM D-2240	50 (± 5)	60 (± 5)
Specific Gravity	ASTM D-792	2.16	2.22
Elongation	ASTM D-638	300% Min.	270% Min.
Tensile Strength	ASTM D-638	3,900 psi Min.	2,100 psi Min.
Temperature Range		-320° to +400° F	-320° to +500° F
Deformation under load (73°F, 2000psi, 24hrs.)	ASTM D-621	3%	< 1%

Request a quote: sales@grmcp.com

Website: www.grmcp.com

Design/specification help: eng@grmcp.com

Phone: (936) 441-5910

