

Product Data Sheet

GRM Neoprene

Benefits:

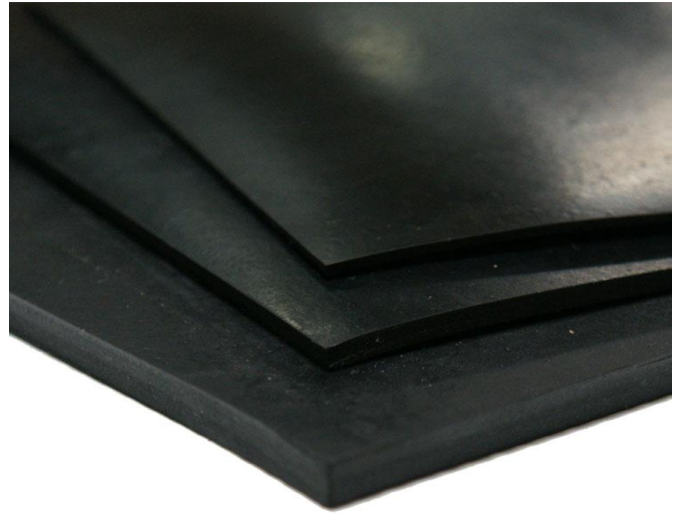
AASHTO & Commercial Grade Neoprene
 Allows for rotation at the bearing connection
 Can be designed as plain or as part of a GRM Slide Assembly
 Manufactured in America

Design Data:

Loading Range: up to 800psi
 Temperature Range: -40° to +200°F
 Durometer hardness range: 50-70

Specifications:

100% Virgin Neoprene Elastomer



Typical Properties:

Material Property	ASTM Standard	Test Requirement	Polychloroprene			Units
			50 Duro	60 Duro	70 Duro	
Physical Properties	D 2240	Hardness	50 +/-5	60 +/- 5	70 +/-5	Shore A
	D 412	Min tensile strength	2250 (15.5)	2250 (15.5)	2250 (15.5)	psi (Mpa)
		Min ultimate elongation	400	350	300	%
Heat Resistance	D 573	Specified temp. of the test	212 (100)	212 (100)	212 (100)	°F (°C)
		Aging time	70	70	70	Hours
		Max change in durometer hardness	15	15	15	Shore A
		Max change in tensile strength	-15	-15	-15	%
		Max change in ultimate elongation	-40	-40	-40	%
Compressive Set	D 395 Method B	Specified temp. of the test	212 (100)	212 (100)	212 (100)	°F (°C)
		Max Permissible test (after 22 hrs)	35	35	35	%
Ozone Resistance	D 1149	100 pphm ozone in air by volume 20% strain at 100 °F, +/- 2 °F (37.7 °C +/- 1 °C) 100 hours, mounting procedure D 518, method A	No cracks	No cracks	No cracks	
Tear Resistance	D 624 Die C	Minimum pounds per inch	180	180	180	Lbs/in
Brittleness	D 746	Low temperature brittleness at -40°	No Failure	No Failure	No Failure	

www.grmcp.com

(936) 441-5910

11133 I-45 S. Suite Q

Conroe, TX 77302



Request a quote:

sales@grmcp.com

Design or specification help:

eng@grmcp.com