

# *Ferotec Friction, Inc.*

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## PRODUCT DATA SHEET FRICTION MATERIAL COMPOSITE: **D9723**

**PRODUCT DESCRIPTION:** D9723 is an extremely stable, high coefficient, rigid molded material suitable for segments molded to arc, flat slabs, and odd shapes.

**APPLICATION:** D9723 is suggested for on- or off-road applications where its high coefficient and excellent heat resistance are required. D9723 has AMECA approval for on-road use.

PHYSICAL PROPERTIES		
Available Sizes (1)		.
Width, inches		28 Max
Thickness, inches		0.187 to 1.50
Length, inches		36 Max.
Specific Gravity	SAE J380	1.80
Apparent Density, pounds/in <sup>3</sup>		0.065
Hardness, Gogan	SAE J379	20 ± 5
(1) Special sizes available on request		
MECHANICAL PROPERTIES		
Tensile Strength, psi	ASTM D638	3100
Modulus x 10 <sup>6</sup> , psi		2.10
Elongation, %		0.16
Flexural Strength, psi	ASTM D790	5400
Modulus x 10 <sup>6</sup> , psi		0.06
Compression Strength, psi	ASTM D695	12000
Shear Strength, psi	ASTM D732	5700
THERMAL PROPERTIES		
Conductivity, BTU-in/hr/ft <sup>2</sup> /°F	ASTM D2214	2.97
Specific Heat, Cal/gm/°C	ASTM C351	TBD

