

Ferotec Friction, Inc.

150 Shellyland Road Rapho Business Park
PO Box 387 Mount Joy, PA 17552
(717) 492-9600 Fax: (717) 492-9601

PRODUCT DATA SHEET

FRICITION MATERIAL COMPOSITE: **D9705**

PRODUCT DESCRIPTION: D9705 is a high coefficient, rigid molded material supplied in segment form.

APPLICATION: D9705 is recommended for band and shoe applications where very high coefficients are needed. D9723 is suggested for thick flat slabs or molded-to-shape parts.

PHYSICAL PROPERTIES		
Available Sizes (1)		
Width, inches		28 Max.
Thickness, inches		0.187 to 1.000
Length, inches		36 Max
Specific Gravity	SAE J380	1.75
Apparent Density, pounds/in ³		0.063
Hardness, Gogan	SAE J379	16 ± 3
(1) Special sizes available on request		
MECHANICAL PROPERTIES		
Tensile Strength, psi	ASTM D638	3600
Modulus x 10 ⁶ , psi		1.36
Elongation, %		0.26
Flexural Strength, psi	ASTM D790	6200
Modulus x 10 ⁶ , psi		0.90
Compression Strength, psi	ASTM D695	15900
Shear Strength, psi	ASTM D732	6600
THERMAL PROPERTIES		
Conductivity, BTU-in/hr/ft ² /°F	ASTM D2214	2.06
Specific Heat, Cal/gm/°C	ASTM C351	TBD

