

Ferotec Friction, Inc.

150 Shellyland Road Rapho Business Park
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PRODUCT DATA SHEET FRICTION MATERIAL COMPOSITE: **D9731**

PRODUCT DESCRIPTION: D9731 is a non-metallic, medium-high coefficient, rigid composite supplied in segments or formed shapes.

APPLICATION: D9731 was developed specifically for band brake applications requiring high a cold static, and a stable coefficient at higher operating temperatures. D9731 has proven itself in the field to require less pedal effort in off-road and earth moving equipment.

PHYSICAL PROPERTIES		
Available Sizes (1)		
Width, inches		28 Max.
Thickness, inches		0.187 to 0.500
Length, inches		36 Max.
Specific Gravity	SAE J380	1.80
Apparent Density, pounds/in ³		0.070
Hardness, Gogan	SAE J379	37 ± 5
(1) Special sizes available on request		
MECHANICAL PROPERTIES		
Tensile Strength, psi	ASTM D638	3375
Modulus x 10 ⁶ , psi		0.29
Elongation, %		0.27
Flexural Strength, psi	ASTM D790	7600
Modulus x 10 ⁶ , psi		1.00
Compression Strength, psi	ASTM D695	17200
Shear Strength, psi	ASTM D732	5275
THERMAL PROPERTIES		
Conductivity, BTU-in/hr/ft ² /°F	ASTM D2214	2.00
Specific Heat, Cal/gm/°C	ASTM C351	TBD

