



Hawkhead, Inc
 1331 Pickettville Road
 Jacksonville, FL 32220
 Phone- 904-264-4295

PRODUCT DATA SHEET: HWK-4000

PRODUCT DESCRIPTION: HWK-4000 is a treated laminated cloth with brass wire reinforcement. It is hot pressed to form a very strong composite. This dense, tough material containing aramid and other fibers exhibits exceptional resistance to heat and pressure under load and has excellent fade and recovery stability.

APPLICATION: HWK-4000 is recommended for use in applications where higher mechanical properties are needed such as gear tooth facings.

FRICITION PROPERTIES:

Coefficient of Friction:	Normal	.56
	Hot	.56
	@ 400 F.	.55

Friction Code: HH

Recommended Operating Limits:

Max. Pressure, psi	250
Max. Rubbing Speed, ft/min	5000
Temperature Max. F., intermittent	650
Temperature Max. F., continuous	600

MECHANICAL PROPERTIES:

Tensile Strength, psi	5700	ASTM-D638-03
Flexural Strength, psi	9300	ASTM-D790-07
Compression Str., psi	25700	ASTM-D695-02
Shear Strength, psi	12500	ASTM-D732-02

COEFFICIENT OF FRICTION from SAE J661a test procedure

