



Scan-Pac Mfg.

Product Data Sheet

**Brake Lining Material: Green Gripper Woven
(GGW)**

PRODUCT DESCRIPTION: GGW is rated as a heavy-duty woven product for industrial applications. Its unique fiber blend and specially formulated saturant produce a superior non-asbestos woven product as indicated by the SAE J661a test data. Notable on this curve are the consistent friction level and the excellent fade resistance. Recovery is immediate and complete...and the wear rate is good for woven materials.

APPLICATION: GGW exhibits high friction under a wide range of temperatures. GGW can be used on dry band brakes for industrial use where medium to high friction is required. Typical use is in draw works, hoist or winch service, and holding brakes. The woven construction of non-asbestos fibers provides maximum resilience for excellent drum contact. The product is available in roll form, flat sheet, and custom shapes.

PHYSICAL PROPERTIES

Standard Slab Sizes, maximum W X L

Width & Length (Flat Sheet)

26"-27" X 27"

Width & Length (Roll)

13"-13" Wide X 300" Long

Thickness (variable slab and custom size)

.125" To 1.25"

MECHANICAL PROPERTIES

Specific Gravity (SAE J380)

1.18-1.28

Tensile Strength, psi (ASTM D638)

2500psi min.

FRICITION PROPERTIES GGW

Coefficient of Friction (SAE J661)	
Normal	.55
Hot	.45
See Note 1	
Wear Rate, by weight (SAE J661)	.035 max.
Friction Code	GG
Recommended Operating Limits	
Max. Rubbing Speed	5000 fpm
See Note 2	
Max. Drum Temp.	550°F
°F for Constant Operation	
See Note 2	
Max. Pressure	200psi
See Note 2	

Note 1. – Friction values shown are for guide purposes only since values deviate with changes in temperature, pressure and speed. Practical design should include a 25 to 50 percent safety factor.

Note 2. – Rubbing speed, drum temperature, and pressure are directly related. Changing any one value will change the others. The values shown represent typical conditions, but are not the ultimate limits of the material.

SAE J661a Test Curves

