

Material Data SheetIndustrial Roll Lining (Non-asbestos - Brass) Grade :- WA-8 AF**General Description :**

Compo WA-8 AF is a semi flexible, metallic solid woven, non-asbestos brake lining manufactured from glass fibre yarn with a Brass wire insertion. Due to metal, it works smoothly during operation. No degradation / slippage during operation. WA-8 AF is available in roll form. Being a semi flexible material, it is possible to form it to radius when fitting it. The impregnant does not soften when heated & large changes should not be attempted.

**Application :**

It is used as segments or as band brakes in elevators, cranes, winches, hoist, drop hammers, heavy earth moving equipments.

Technical Data :

Co-eff. of Friction (Mue) :- 0.35 / 0.50

Physical Properties :

Specific Gravity	:- 1.20 -1.40
% Ash Content	:- 55 - 65
% Acetone Extraction	:- 5.00 (Max.)
Ult. Compression Strength	:- 600 kg/cm ² min

Recommended Operating Temperature :

Max. Operating Temp. :- 250°C

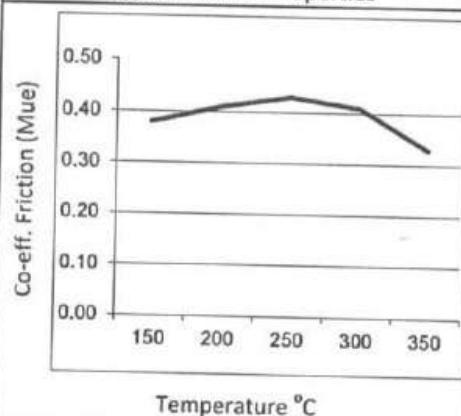
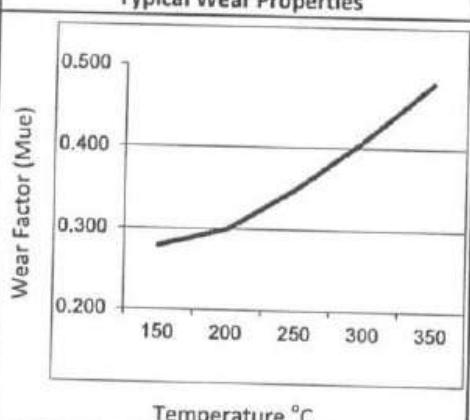
Max. Continuous Temp. :- 150°C

Recommended Mating Surfaces

Good quality fine grained alloy cast iron & steel with Brinell hardness of 150 or more may be used.

Machining Details

Carbide tools / drills are recommended for use with this material.

Typical Friction Properties**Typical Wear Properties****Availability****Supplied in roll form**

Nominal Roll Length :- 10 & 15 mtrs

Thickness :- 5 mm (3/16") to 19 mm (3/4")

Width :- Up to 457 mm (18")