# Friction Material:SWR-C

# Technical Data

Is a flexible brake lining. Designed for light to medium operation, the material has good rivet holding and is suitable for bounding. Its woven from cotton yarn impregnated in resin, offer a high friction coefficient in static applications when operating temperatures are low, combines strength and flexibility.

## Description Material

**Type:** Flexible woven friction material
**Availability:** Rolls
**Applications:** Static brakes
Heavy duty static applications
Machinery Mining industries
Machinery Marine industries

## Friction propieties (F.A.S.T test)

**Dynamic Friction Coefficient (@79N, 7m/s):** 0.60 ±0.05 µ
**Static Friction Coefficient (F.A.S.T. Test):** 0.6µ
**T° Fading (@100N, 11.5m/s):** 180°C

## Physical Propieties

**Hardness (DIN53505):** 65±5 *Shore-D*
**Specific Gravity (ASTM D792-91) :** 1.08± *0.05 gr/cm*$^3$

## Mechanical Properties

**Tensile Strength (ASTM D638-10):** 28*N/mm2*
**Compressive Strength (UNE 53205):** 42 *N/mm2*
**Ultimate Shear Strenght (ASTM D732):** 13*N/mm2*

## Recommended working values

**T° Max. Continuous Operation:** 90°C
**T° Max. Intermittent Operation:** 130°C

## Others

**Recommended Mating Surface:** Perlitic cast iron, hardness HB150-200
**Recommended Adhesives:** Thermosetting adhesive.

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