

General Purpose Bearing Material



RAILKO JL31 and **JL33** are based on a woven fabric bonded with resin with a friction modifier to give low friction. **RAILKO JL31** and **JL33** are general purpose materials that give good wear life and low friction.

Availability:

RAILKO JL31/JL33 is available in sheets and tubes. RAILKO JL31 is for flat products and RAILKO JL33 for cylindrical products.

RAILKO JL33:

Tube Length: 610 mm

Minimum Inside diameter: Ø20 mm

Maximum Outside diameter: Ø350 mm

Maximum Wall Thickness: 35mm

RAILKO JL31:

Sheet Thickness: 3 – 35 mm

Sizes: 1120 x 1220mm

- ✓ Specified to the new European fire safety standard EN45545
- ✓ Self lubrication
- ✓ Good friction and wear values
- ✓ Good dimensional stability
- ✓ Low swell

General Purpose Bearing Material

PROPERTY	UNITS	T814
Coefficient of Friction	dry	0.17 - 0.23
Compressive Strength	MPa	180
Normal Working Pressure	MPa	48
Compressive Yield	% @ 68.9 MPa	1.8
Impact Strength	kJ/m ²	10
Shear Strength	MPa	35
Hardness	Brinell	30
Swell in Water	% @ 20 °C	0.5
Density	g / cm ³	1.36
Coefficient of Thermal Expansion	10 ⁻⁶ /°C Normal	110
	10 ⁻⁶ /°C Parallel	15
Maximum Continuous Operating Temperature	°C	130
Maximum Intermittent Operating Temperature	°C	150

The information contained in this data sheet is presented in good faith. They are typical test results tested generally in accordance with BS, ISO and ASTM test methods and should not be used for specifications. GlobalNginering LTD. does not warrant the conformity of its materials to the listed properties or their suitability for any particular purpose.

For further information please contact us at 647-270-9450