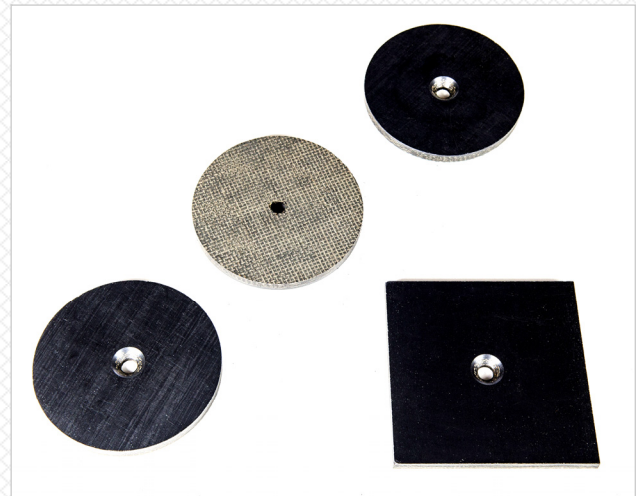


General Purpose Bearing Material

RAILKO JLX grade has PTFE surface layer integrally moulded to a backing material. This gives a low friction working surface free from stick slip combined with good load bearing capability.

RAILKO JLX is used for air spring pads and slide pads, particularly in the Rail industry



PROPERTY	UNITS	JLX
Coefficient of Friction	Dry	0.04 - 0.07
Compressive Strength	MPa	180
Normal Working Pressure	MPa	45
Compressive Yield	% @ 68.9 MPa	2.2
Impact Strength	kJ/m ²	6
Shear Strength	MPa	35
Hardness	Brinell	28
Swell in Water	% @ 20 °C	1
Density	g / cm ³	1.46
Coefficient of Thermal Expansion	10 ⁻⁶ /°C normal 10 ⁻⁶ /°C parallel	370 15
Maximum Continuous Operating Temperature	°C	120
Maximum Intermittent Operating Temperature	°C	140

The information contained in this data sheet is presented in good faith. They are typical test results tested generally in accordance with BS 2782 and ASTM test methods and should not be used for specifications. **TENMAT** does not warrant the conformity of its materials to the listed properties or their suitability for any particular purpose.
 For further information please contact our Technical Sales Department on +44 161 872 2181.