

Multipurpose Bearing Material

TENMAT FEROFORM T14 is a composite material made from woven fibre bonded with resin.

FEROFORM T14 has been developed as a superior bearing material used in many marine and industrial applications. It is used in dry and water lubricated general purpose applications.

TENMAT FEROFORM T14 has strength, durability, dimensional stability, and excellent wear characteristics.

The material is available as sheets (48"x48") with various thicknesses and tubes (48" long) with diameters ranging from 1" up to 38".



PROPERTY	UNITS	T14
Coefficient of Friction	Dry	0.08 - 0.15
Compressive Strength	MPa @ ambient	300 ^{*A} / >400 ^{*B}
Normal Working Pressure	MPa	75
Compressive Yield	% @ 68.9 MPa	3.6
Impact Strength	kJ/m ²	109
Shear Strength	MPa	65
Brinell Hardness		15
Swell in Water	% @ 20 °C	0.2
Density	g / cm ³	1.29
Coefficient of Thermal Expansion	10 ⁻⁶ /°C normal 10 ⁻⁶ /°C parallel	50 30
Maximum Continuous Operating Temperature	°C	100
Maximum Intermittent Operating Temperature	°C	120

^{*A} tested on BS2782 on 25 x 25 x 25 sample

^{*B} tested on 50 x 50 x 5 sample, 400 MP is limit of test equipment

Tested on sheets samples, PR18 tested on tube samples

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.