

Multiglide / T814



FEROFORM T814 is a composite material made from woven fiber bonded with resin and PTFE as a friction modifier.

FEROFORM T814 has been developed as a high performance bearing material for both wet and dry service, making it extremely useful in Hydro and Marine applications.

FEROFORM T814 replaces traditional grease lubricated bearings, promoting a cleaner environment whilst reducing operating cost.

Properties	Units	
Coefficient of Friction (DRY)	-	0,07 – 0,10
Swell in Water @ 20°C	%	0,25
Ultimate Compressive Strength	MPa	310 *A
	MPa	>400 *B
Compressive Yield @ 68,9 MPa	%	4,3
Normal Working Pressure	MPa	75
Thermal Expansion	Normal	10 ⁻⁶ /°C
	Parallel	10 ⁻⁶ /°C
Maximum Operating Temperature	Continuous	°C
	Intermittent	°C
Shear Strength	MPa	72
Impact Strength	kJ/m ²	83
Hardness	Brinell	17
Density	g/cm ³	1,31

*A Tested on BS2782 on 25 x 25 x 25 sample

*B Tested on 50 x 50 x 5 sample, 400 MPa is limit of test equipment

Availability:

Sheet:	Size:	1220 x 1220 mm
	Thickness:	1,6 – 100 mm
Tube:	Length:	1200 mm
	Minimum Inside diameter:	Ø20 mm
	Maximum Outside diameter:	Ø1175 mm (larger outside diameter on request)



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Rod: Length: 1200 mm
Diameter: Ø19 – Ø111 mm