

FEROFORM T147 has been developed for use in oil lubricated stern tube systems, but with the added advantage of also working with water lubrication in case of seal failure. It is a general purpose wearing and bearing material used for many marine and industrial applications.

FEROFORM T147 is approved by major classification societies and many Navies for ships bearings applications including stern tube, rudder and deck equipment.

FEROFORM T147 is a heat stabilized version of T14 with an improvement in dimensional stability on initial exposure to temperature.

Properties	Units	
Coefficient of Friction (DRY)	-	0,13 – 0,18
Coefficient of Friction (WET)	-	0,16 – 0,22
Swell in Water @ 20 °C	% @ 20 °C	2
Ultimate Compressive Strength	MPa	310
Compressive Yield @ 68,9 MPa	%	2,5
Normal Working Pressure	MPa	75
Thermal Expansion	Normal	10 <sup>-6</sup> /°C
	Parallel	10 <sup>-6</sup> /°C
Maximum Operating Temperature	Continuous	°C
	Intermittent	°C
Shear Strength	MPa	85
Impact Strength	kJ/m <sup>2</sup>	55
Hardness	Brinell	25
Density	g/cm <sup>3</sup>	1,32

**Availability:**

Sheet:	Size:	1220 x 1220 mm
	Thickness:	1,6 – 100 mm
Tube:	Length:	1200 mm
	Minimum Inside diameter:	Ø20 mm
	Maximum Outside diameter:	On request
Rod:	Length:	1200 mm
	Diameter:	Ø19 – Ø111 mm