

FTL194

✓ **General description:**

FTL194 is a special fibreglass, asbestos free organic material.

FTL194 has good mechanical strength and high breaking strength. It has medium friction coefficient and presents excellent durability. Not oil resistant

✓ **Application:**

FTL194 is suitable for industrial use. Really recommended for heavy and severe working conditions, especially drilling and machinery on oilfield rigs. Can be used under dry conditions

✓ **Mating surfaces**

The recommended mating surface for **FTL194** is fine-grained pearlitic cast iron with a Brinell hardness test value of 200 HB is recommended.

✓ **Recommended Operating Values:**

Maximum Temperature 300°C
Maximum Pressure 1.05N/mm²

✓ **Sizes:**

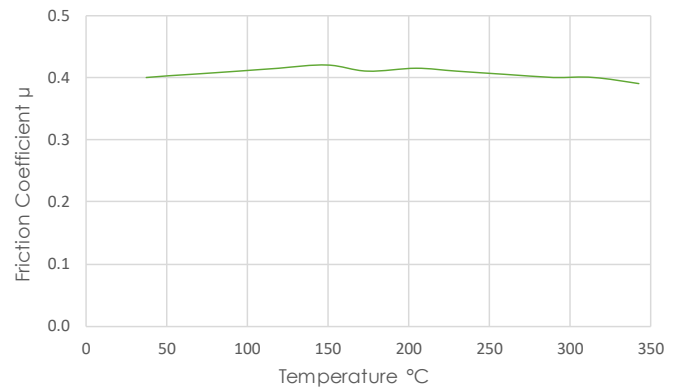
FTL194 is supplied as a disc:

Thickness 10mm to 20mm
Outer diameter 200mm to 570mm

✓ **Technical Data**

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|-------------------------------|-------------------------|
| Friction Coefficient | 0.41 |
| Friction Coefficient when hot | 0.43 |
| Tooth breaking Strength | 100 N/mm ² |
| Flexural Strength | 210 N/mm ² |
| Hardness Gogan | 19GD |
| Density | 2.05 gr/cm ³ |
| Weight Wear | 6.1% |
| Thickness Wear | 5.3% |

Temperature Sensitivity



The information supplied in this data sheet is believed to be accurate and reliable, was obtained by scientific and laboratory testing. However, since actual conditions of use are largely outside the control of Friction Technology Ltd, it is suggested that this material be thoroughly tested and its suitability for use be determined before final acceptance.