

Non-asbestos laminated sheet TL3000

Product Description:

TL3000 is a Non Asbestos Woven Laminated Sheet with exceedingly high hardness and strength. The material is woven from Kevlar, glass fiber and other synthetic fabric yarns containing brass wire. After being impregnated with special resin and pressed into rigid flat sheet, the material shows outstandingly good resistance to wear and compression and excellent stability. TL3000 can be processed into gear teeth facing due to its high hardness and strength.

Applications:

TL3000 is a heavy duty material extensively used in oil drilling and wind power industry. It can be installed in industrial brake and clutch system, PTO, power transmission system and electric magnetic brake engine.

Dimension:

Length x Width: 500mm x 500mm (20 inches x 20 inches)

Thickness: 3.2mm—60mm (1/8inch – 2.36 inch)

We have the ability to produce special shape parts by mould or machining. Pls do not hesitate to contact us.

Frictional Properties:

Normal	0.47
Hot	0.45
Static @200°F	0.47
Static @400°F	0.48

Mechanical properties:

Tensile Strength	4300psi
Compression Strength -	20300psi
Direct Shear Strength	4700psi

Recommended Operating Range:

Max. Pressure, psi	300
Max. Rubbing Speed, ft/min	5000
Max. Intermittent Temperature	600°F (315°C)
Max. Continuous Temperature	550°F (287°C)

SAE J661a TEST CURVES

