



# ARAFLEX

GASKETS & JOINTINGS Pvt. Ltd.

## AF 501/L Carbonized Fiber Packing

Carbon fiber square braided packing impregnated with PTFE dispersion and a high temp special lubricant.

Araflex carbonized fiber packing is a widely applicable economic asbestos free packing for rotating equipment like pumps. Carbon yarns are prepared by a special construction for energy saving.

### Advantages

- Chemical PROOFED
- Self-lubricating
- Abrasion resistant
- High chemical resistant
- High temperature resistant
- High elasticity
- Easy installation
- Low cold flow nature
- Long life
- Less maintenance
- Low leak rate

### Recommended applications

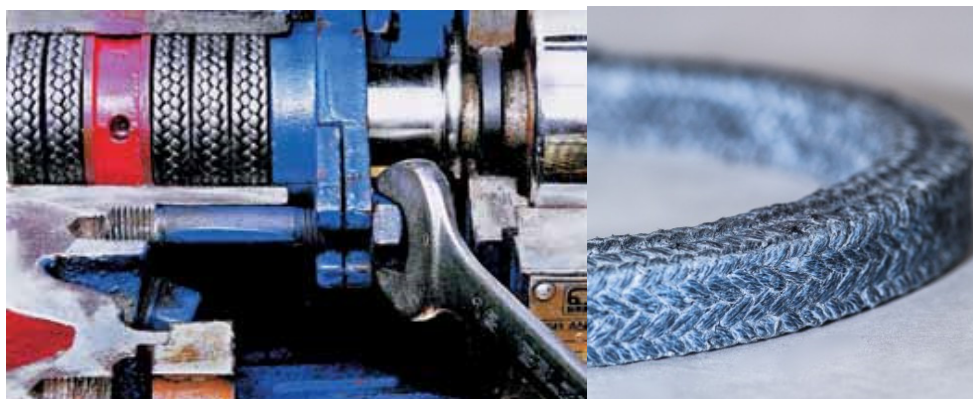
- Mixers, agitators
- Centrifugal Pumps
- Pulps and Paper Industry
- Process Industry
- Chemical industry
- Reactors
- Autoclaves & sterilizers
- Turbines
- Slip joints.

### Operating range

Pressure:  
p(pumps) = 25 bar,  
p(mixers, agitators, kneaders, filters) = 25 bar  
Sliding velocity:  
vg(pumps) = 20 m/s,  
vg(mixers, agitators, kneaders, filters) = 2 m/s  
Temperature: -100 °C to +280 °C  
Chemical resistance: pH = 0 ... 14

Work well with Alcohols, Acid and Alkalis, solvents, hot water, brine, Ammonia, oils, Ketons.

Shaft speed: to 3000 fpm + (15m/s)



#### Notes:

The maximum stated operating temperature and pressure cannot be used simultaneously.  
The data we are herewith providing are all based on laboratory testing and are proposed to technical designers as possible and useful advice.  
Deviations from the values hereabove indicated may occur, but they do not constitute themselves either detriment of quality or reason for rejection.

[www.araflexgasket.com](http://www.araflexgasket.com)