



# ARAFLEX

GASKETS & JOINTINGS Pvt. Ltd.

## AF600Pure Flexible Graphite Packing

Diagonally braided from expanded graphite fiber reinforced flexible graphite yarns and high purity graphite filament yarns to provide high strength.

AF600 is a flexible and universal gland packing suitable for all applications with high pressure and high temperature services. Well worked with power plants, chemical industries and steam generators.

### Advantages

- Low leakage rates
- High Temperature applications
- High pressure applications
- Good heat dissipation
- Good for both Rotary Pumps and Valves
- Seals for slight shaft deflection
- High flexibility
- Wear resistant
- Gentle to shafts
- Less maintenance

### Recommended applications

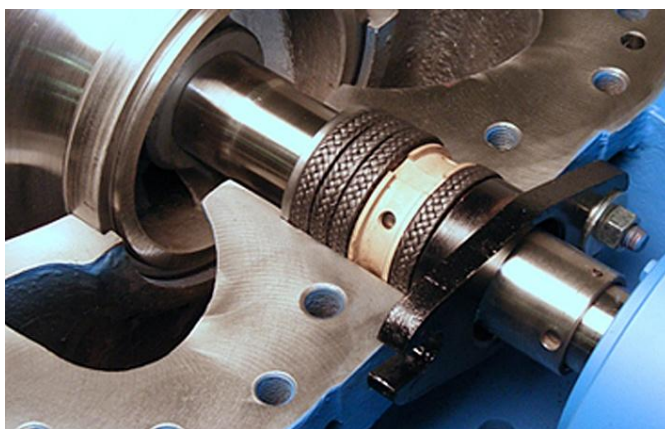
- Centrifugal Pumps
- Valves
- Power Plants
- Oil and Gas Industry
- Petrochemical Industry
- Pulps and Paper Industry
- Process Industry
- Mining Industry

- Shipbuilding
- Sugar Plants
- Metal Production and processing

### Operating range

Pressure:  
p(Centrifugal pumps) = 15 bar,  
p(Valves) = 320 bar  
Sliding velocity:  
vg(Centrifugal pumps) = 15 m/s,  
vg(Valves) = 2 m/s  
Temperature: -200 °C to +500 °C  
Steam: 700 °C  
Chemical resistance: pH = 0 ... 14

Media: Acid, Alkalis, Hydrocarbons, boiler feed water, gases, steam, water, waste water, sea water, hot water, air, Nitrogen, acid gases, mineral oils, grease.  
Not recommended for Media: Conc H<sub>2</sub>SO<sub>4</sub>, HNO<sub>3</sub>, Strongly Oxidizing Salt Solutions.



### 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)