

# Stuffing-Box-Packing Type 2201

## Material composition

TEADIT style 2201 is diagonally braided from pure carbon fibres, with a special impregnation and a silicone-free lubricant.

## Properties

Style 2201 lacks the usual stiffness of pure carbon packings, it has superb thermal conductivity and a very low coefficient of friction. Contrary to many packings made from synthetic fibres, style 2201 does not shrink, even if subjected to high temperature: no shrinkage at temperatures of up to 300°C thanks to its outstanding dimensional stability. Because of the excellent chemical and mechanical properties of carbon, this packing is resistant against most aggressive and abrasive media.

## Application areas

Multi-purpose packing usable for a very wide range of applications. Particularly well suited for all demanding dynamic applications, like boiler-feed-pumps, mixers, agitators, refiners, etc., but also for static applications like valves, autoclaves, reactors, etc., in a wide variety of industries like power stations, pulp and paper, pharmaceutical, the chemical and petrochemical industry and many more.

## Application media

Because style 2201 covers the full pH-range from 0 to 14, it can be used with nearly all media, from hot and cold water, waste water, alcohol, solvents, to aggressive chemicals and gases, heat transfer agents etc.

## Not suitable for

Highly concentrated corrosive acids.

## Benefits

Because TEADIT style 2201 is a very affordable high quality all-round packing, one can easily standardise on it and such avoid unnecessary stock cost. Because its coefficient of thermal expansion is similar to that of steel, it needs minimal adjustments of the gland which reduces maintenance expenditure. The very low coefficient of friction results in low shaft wear and assures regular running of the pump.



### Temperature:

	- temp	+ temp
(°C)	50	300

### Pressure:

	rotating:	reciprocating:	static:
(bar)	35	100	200

pH: 0-14      density: 1,4      v: (m/s) 25