

Stuffing-Box-Packing Type 2004

Description

Diagonally braided from continuous Aramid fibres, impregnated with PTFE and high temperature silicone oil.

Properties

Extremely tough and durable packing with a chemical compatibility better than PTFE-lubricated asbestos and the unsurpassed mechanical strength of Aramid. The impregnation with PTFE and lubricant results in a low coefficient of friction and allows shaft speeds up to 15 m/sec. However, due to the toughness of Aramid we recommend a shaft (sleeve) hardness ≥ 60 HRC.

Application areas

Although mainly designed as a rotary pump packing, **style 2004** is also suited for valves and piston pumps, mixers and reactors in the following industries: pulp and paper, pharmaceutical, food, sugar, chemical and petro-chemical, power stations, steel mills and many more. Also ideal as anti-extrusion rings in combination with softer packings.

Application media

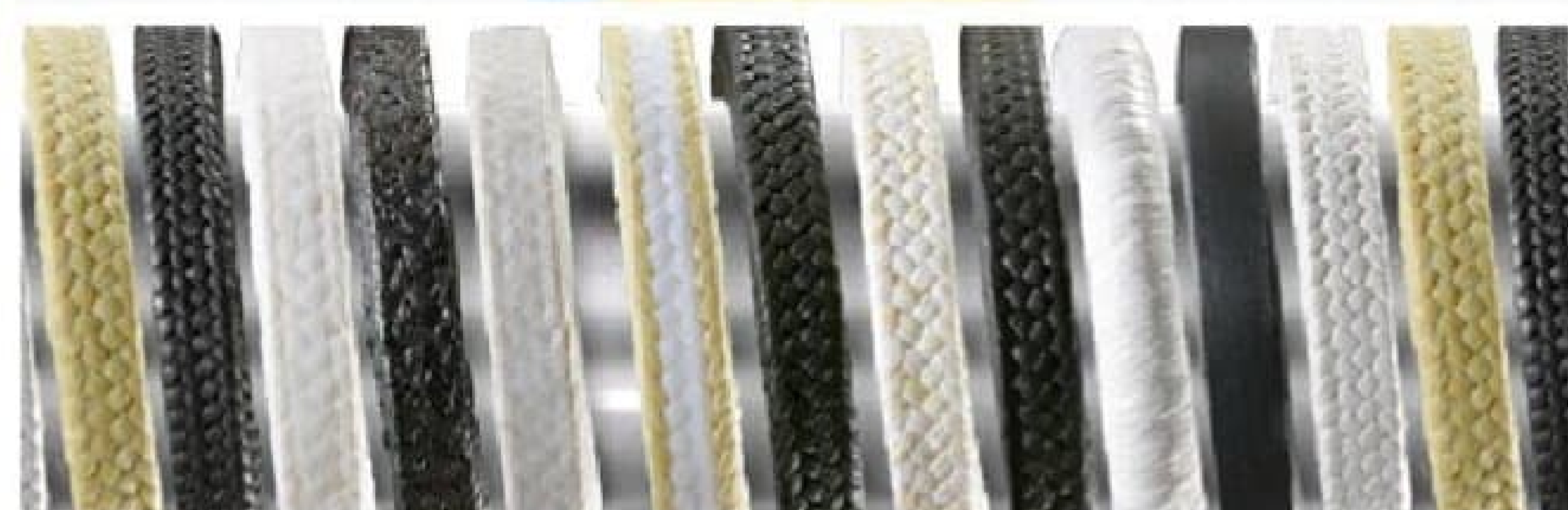
The chemical resistance of Aramid together with the PTFE-impregnation allows this packing to be used in connection with most chemicals (except very corrosive ones), water, steam, oils, solvents, etc., while its extrem abrasion resistance makes it ideal for use with abrasive sand, slurry and other gritty media.

Not suitable for

Highly concentrated acids, caustic solutions, alkali metals, oxygen.

Benefits

Extremely durable and abrasion resistant packing suitable for a wide variety of media in many different industries.



Temperature:

	- temp	+ temp
(°C)	100	280

Pressure:

	rotating:	reciprocating:	static:
(bar)	35	200	250

pH: 2-12 density: (g/cm³) 1,5 v: (m/s) 15

Since all properties, specifications and application parameters shown throughout this catalogue are approximate and may be mutually influenced, your specific application should not be undertaken without independent study and evaluation for suitability. All technical data and advice given is based on experiences TEADIT® has made so far. Failure to select proper sealing products can result in damage and/or personal injury. Properties, specifications and application parameters are subject to change without notice. TEADIT® does not undertake any liability of any kind whatsoever. Please note: the color of the actual product might vary from the above image on this data-sheet.