

# Stuffing-Box-Packing Type 2070

## Description

**TEADIT style 2070** is diagonally braided from a proprietary yarn which consists of a core of Aramid fibers totally encased by gPTFE (PTFE with incorporated graphite), lubricated with silicone oil.

## Properties

The unique, patented TEADIT EGK® yarn gives this packing exceptional properties. Every single yarn owns the most desirable characteristics: high mechanical strength from the Aramid core and the superior chemical resistance, self lubrication, low coefficient of friction and excellent heat dissipation from the external PTFE/graphite jacket. Chloride content < 20 ppm

## Application areas

**Style 2070** is an ideal packing for applications requiring highest chemical resistance and mechanical strength. It is recommended for rotating and reciprocating pumps, valves, mixers, agitators, etc., in the chemical, pharmaceutical and many other industries.

**TEADIT style 2070** is particularly suited for the demanding applications in refiners, digestors and similar equipment in the pulp and paper industry.

## Application media

The superior extrusion resistance of **style 2070** - four times higher than conventional gPTFE packings - makes it ideal for applications with chemically aggressive fluids at high shaft speeds and pressures. It can also be used in connection with water, sewage, steam, inert and aggressive gases, solvents, mineral oils and greases, abrasive media and many more.

## Not suitable for

Molten alkali metals and fluorine compounds at high temperatures and pressures, oxygen.

## Benefits

Because this exclusive packing - manufactured only by TEADIT - can be used in most applications by most industries, it can lower stock volumes considerably. No other packing combines so many advantages: the strength of Aramid - without its abrasiveness and limited chemical resistance- and the suppleness, chemical resistance, low coefficient of friction and heat dissipation of PTFE/graphite - but without its extrusion problems.



Temperature:

	- temp	+ temp
(°C)	100	280

Pressure:

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

pH: 0-14    density: (g/cm<sup>3</sup>) 1,6    v: (m/s) 25

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.