



Material composition

TEADIT style 2070 is diagonally braided from a proprietary yarn which consists of a core of Aramid fibers totally encased by PTFE (PTFE with incorporated graphite Jacket. Chloride content < 20 ppm), lubricated with silicone oil.

Please note: the colour of the actual product might vary from the image on this datasheet.

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

Waranty exclusion

In view of the variety of different installation and operation conditions as well as application and process engineering options, the information given in this datasheet can only provide approximate guidance and cannot be used as basis or warranty claims.

Application area

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.

Service Limits

Temperature (°C)	
Minimum	- 100
Maximum	+ 280
Pressure (bar)	
Static	250
Rotating	35
Reciprocating	250
pH	0-14
Density	1,6
v: (m/s)	25

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.