

Product information

Nr. 196 Rev 1/2017

SPIRALIT® AF 404



Properties:

Style AF 404 is a high performance multi-yarn packing, which combines the advantages of the supple gPTFE material with those of tough and durable Aramid. This results in reduced shaft-wear and better thermal conductivity than standard Aramid packings.

Benefits:

SPIRALIT AF 404 is particularly well suited for difficult sealing applications, i.e. with high pressures or abrasive media, such ensuring longer service life. Combines exceptional extrusion resistance and high mechanical strength with good chemical and thermal stability.

Not suitable for:

Highly concentrated acids and lyes, alkali metals, fluorine and fluorine compounds at high temperatures.

Description:

Diagonally braided from gPTFE-yarn (PTFE with incorporated graphite), reinforced at the corners with continuous Aramid yarn, lubricated with silicone oil. Please note: the colour of the actual product might vary from the above image on this data-sheet.

Application:

Multi-purpose packing, particularly well suited for use in pistonpumps, mixers, stirrers, reactors, for industrial and chemical process valves, good for high pressure applications.

User:

Can be used with a wide variety of media including abrasive ones: cold and hot water, steam, solvents, oils, greases, diluted acids and lyes, brine, sewage etc.

Technical data:

Parameter	Value	UM
Density	1.6	g/cm ³
Speed max	20	m/s
pH	2 - 12	-
Temperature:		
Min	-100	°C
Max	280	°C
Steam	-	°C
Pressure:		
Rotary	30	bar
Alternative	200	bar
Static	200	bar

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 Spiralit 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. Spiralit does not undertake any liability of any kind whatsoever.

SPIRALIT SRL – Via Molise, 30 – 20085 Locate di Triulzi, Milano – Tel. +39 904817.1 – Fax +39 904817.220 E-mail: spiralit@spiralit.it – <http://www.spiralit.it>