













### RivaBrid Packing K91 TWARON® and GFO®

fiber manufactured in hybrid braiding



#### Mechanical Properties

Maximum Pressure	[bar]	200
Maximum Speed	[m/s] rotating	20
	oscillating	3
Temperature Resistance	[°C] from	-200
	to	+280

Standard Width approx. mm														
3	4	5	6	8	10	12	14	15	16	18	20	22	24	25
--	25	40	58	102	160	230	313	360	409	518	640	774	920	1000
Weight per meter in g														

Notes:  
 Other material combinations are available for delivery as hybrid braiding: K92 of PTFE Multifilament-GFO fiber; K93 of PTFE Multifilament fiber and TWARON fiber

static applications

for pumps

for valves

#### Uses

Drinking water, Foodstuffs
Water, Sewage, Boiler Feed Water
Gasses, Air, Nitrogen
Diluted acids, inorg./org. saline solutions
Concentrated acids
Diluted lyes/alkalies
Concentrated lyes/alkalies
Oils, greases
Heat transfer mediums
Solvents
Organic compounds
Adhesives, Bitumen
Abrasive mediums
Colors, Varnishes

● = applicable ○ = conditionally applicable X = not applicable

### RivaTherm Packing K95

Made of flexible graphite



#### Mechanical Properties

Maximum Pressure	[bar]	300
Maximum Speed	[m/s] rotating	30
	oscillating	10
Temperature Resistance	[°C] from	-200
	to	+450

Standard Width approx. mm														
3	4	5	6	8	10	12	14	15	16	18	20	22	24	25
--	16	25	36	64	100	144	196	225	256	324	400	484	576	625
Weight per meter in g														

Notes:  
 With steam up to 650°C. Regarding the pressure load, we recommend the series of antiextrusion rings from K99, K100 or K80S. K95i with chrome-nickel supporting wires

static applications

for pumps

for valves

#### Uses

Drinking water, Foodstuffs
Water, Sewage, Boiler Feed Water
Gasses, Air, Nitrogen
Diluted acids, inorg./org. saline solutions
Concentrated acids
Diluted lyes/alkalies
Concentrated lyes/alkalies
Oils, greases
Heat transfer mediums
Solvents
Organic compounds
Adhesives, Bitumen
Abrasive mediums
Colors, Varnishes

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**RivaTherm Packing K100** Flexible graphite with high-temperature-tolerant metal reinforcement



**Mechanical Properties**

Maximum Pressure	[bar]	500
Maximum Speed	[m/s] rotating	5
	oscillating	2
Temperature Resistance	[°C] from	-200
	to	+550

Standard Width approx. mm														
3	4	5	6	8	10	12	14	15	16	18	20	22	24	25
--	19	30	43	77	120	173	235	270	307	389	480	580	690	750
Weight per meter in g														

Notes:  
 With steam up to a max. 650°C.  
 Specially intended as antiextrusion ring.

- static applications
- for pumps
- for valves

**Uses**

Drinking water, Foodstuffs
Water, Sewage, Boiler Feed Water
Gasses, Air, Nitrogen
Diluted acids, inorg./org. saline solutions
Concentrated acids
Diluted lyes/alkalies
Concentrated lyes/alkalies
Oils, greases
Heat transfer mediums
Solvents
Organic compounds
Adhesives, Bitumen
Abrasive mediums
Colors, Varnishes

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**RivaGlas Packing K450G**

Glass fiber with a special graphite impregnation



**Mechanical Properties**

Maximum Pressure	[bar]	20
Maximum Speed	[m/s] rotating	-
	oscillating	-
Temperature Resistance	[°C] from	-40
	to	+450

Standard Width approx. mm														
3	4	5	6	8	10	12	14	15	16	18	20	22	24	25
--	22	33	49	86	135	195	265	305	346	438	540	653	775	844
Weight per meter in g														

Notes:  
 K550 with a special glass fiber and chrome-nickel core, up to 550°C. Also deliverable graphitated as K550G.  
 K1000 also special glass-silicate fiber, up to 1000°C

- static applications
- for pumps
- for valves

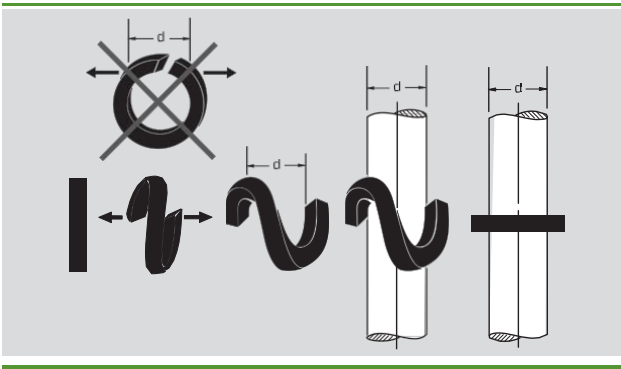
**Uses**

Drinking water, Foodstuffs	X
Water, Sewage, Boiler Feed Water	
Gasses, Air, Nitrogen	
Diluted acids, inorg./org. saline solutions	
Concentrated acids	X
Diluted lyes/alkalies	
Concentrated lyes/alkalies	X
Oils, greases	
Heat transfer mediums	
Solvents	
Organic compounds	
Adhesives, Bitumen	
Abrasive mediums	
Colors, Varnishes	X

● = applicable ○ = conditionally applicable X = not applicable



### Braided Packing Rings



Compression molded packing rings provide the technically best solution and are, in addition, a good value. Through our compression machines, each ring for different operating conditions is optimally precompressed.

Several thousand forms are available in increments of a few tenths of a millimeter, so that an appropriate tool is generally available for packing rings for reground spindles, rods or shafts.

Advantages of the compression molded packing rings

- Less material, Avoidance of cutting mistakes, No waste with bulk stock
- small gland packing strengths with little friction and a long lifetime
- quick assembly: therefore small assembly costs and less downtime
- highest possible dimension accuracy

With the assembly of precompressed, slotted packing rings, you have to be careful that the ring never gets bent. It is in axial position in order to open the diameter of the shaft cross section.