

Packings

RivaLon Packing K36

PTFE-Multifilament with PTFE Dispersion



Mechanical Properties

| | | |
|------------------------|----------------|-------------|
| Maximum Pressure | [bar] | 200 |
| Maximum Speed | [m/s] rotating | 0,5 |
| | oscillating | 2 |
| Temperature Resistance | [°C] from | -200 |
| | to | +280 |

| | | | | | | | | | | | | | |
|---------------------------|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|
| Standard Width approx. mm | | | | | | | | | | | | | |
| 3 | 4 | 5 | 6 | 8 | 10 | 12 | 14 | 15 | 16 | 18 | 20 | 22 | 25 |
| 16 | 29 | 45 | 65 | 115 | 180 | 260 | 353 | 405 | 460 | 583 | 720 | 871 | - |
| Weight per meter in g | | | | | | | | | | | | | |

Notes:

K36S by application of oxygen (fibers BAM-examined)

K 39 for pumps (with silicon oil impregnation)

- 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 | X |
| Colors, Varnishes | ● |

● = applicable ○ = conditionally applicable X = not applicable

RivaFlex Packing K40

PTFE-Fiber with incorporated graphite and silicon oil (100% Gore GFO®)



Mechanical Properties

| | | |
|------------------------|----------------|-------------|
| Maximum Pressure | [bar] | 30 |
| Maximum Speed | [m/s] rotating | 20 |
| | oscillating | 5 |
| Temperature Resistance | [°C] from | -100 |
| | to | +280 |

| | | | | | | | | | | | | | |
|---------------------------|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| Standard Width approx. mm | | | | | | | | | | | | | |
| 4 | 5 | 6 | 8 | 10 | 12 | 14 | 15 | 16 | 18 | 20 | 22 | 24 | 25 |
| 26 | 40 | 58 | 102 | 160 | 230 | 325 | 360 | 410 | 518 | 640 | 774 | 920 | 1000 |
| Weight per meter in g | | | | | | | | | | | | | |

Notes:

K40E PTFE-Fiber with incorporated graphite, without lubricant, for valves (100% Gore G4 ®)

- 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 | X |
| Abrasive mediums | X |
| Colors, Varnishes | X |

● = applicable ○ = conditionally applicable X = not applicable

Packings

RamiVal Packing K41

Ramie-Fiber with PTFE Dispersion and Silicon Oil Impregnation



Mechanical Properties

| | | |
|------------------------|----------------|-------------|
| Maximum Pressure | [bar] | 60 |
| Maximum Speed | [m/s] rotating | 10 |
| | oscillating | 4 |
| Temperature Resistance | [°C] from | -20 |
| | to | +120 |

| | | | | | | | | | | | | | | | |
|---------------------------|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|
| Standard Width approx. mm | | | | | | | | | | | | | | | |
| 3 | 4 | 5 | 6 | 8 | 10 | 12 | 14 | 15 | 16 | 18 | 20 | 22 | 24 | 25 | |
| 13 | 23 | 36 | 52 | 93 | 145 | 209 | 284 | 326 | 371 | 470 | 580 | 702 | 835 | 906 | |
| Weight per meter in g | | | | | | | | | | | | | | | |

Notes:

K41P with paraffin oil

- 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 | X |
| Diluted lyes/alkalies | ○ |
| Concentrated lyes/alkalies | X |
| Oils, greases | ○ |
| Heat transfer mediums | X |
| Solvents | ○ |
| Organic compounds | ○ |
| Adhesives, Bitumen | X |
| Abrasive mediums | ○ |
| Colors, Varnishes | X |

● = applicable ○ = conditionally applicable X = not applicable

RivaStat Packing K68

Calcium Silicate Fibers



Mechanical Properties

| | | |
|------------------------|----------------|-------------|
| Maximum Pressure | [bar] | 2 |
| Maximum Speed | [m/s] rotating | - |
| | oscillating | - |
| 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 | |
| - | 18 | 29 | 41 | 74 | 115 | 166 | 225 | 259 | 295 | 373 | 460 | 557 | 662 | 719 | |
| Weight per meter in g | | | | | | | | | | | | | | | |

Notes:

K68G with special graphite impregnation

K68C with special CKP impregnation.

- static applications
- for pumps
- for valves

Uses

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

● = applicable ○ = conditionally applicable X = not applicable

Packings

RivaNorm Packing K75 Calcium Silicate Fibers intensively impregnated with PTFE dispersion



Mechanical Properties

| | | |
|------------------------|----------------|-------------|
| Maximum Pressure | [bar] | 200 |
| Maximum Speed | [m/s] rotating | 8 |
| | oscillating | 6 |
| Temperature Resistance | [°C] from | -200 |
| | to | +260 |

| | | | | | | | | | | | | | | | |
|---------------------------|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|
| 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 | 304 | 346 | 438 | 540 | 653 | 775 | 844 | |
| Weight per meter in g | | | | | | | | | | | | | | | |

Notes:
K75Ö for pumps (with PTFE dispersion and lubrication)

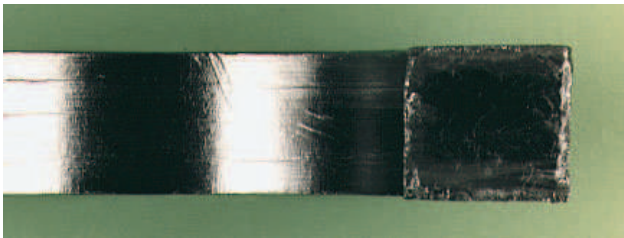
- static applications
- for pumps
- for valves

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 | X |
| Colors, Varnishes | ● |

● = applicable ○ = conditionally applicable X = not applicable

RivaTherm Packing K80 Packing ring wound from flexible graphite foil and pressed in moulds



Mechanical Properties

| | | |
|------------------------|----------------|-------------|
| Maximum Pressure | [bar] | 300 |
| Maximum Speed | [m/s] rotating | 5 |
| | oscillating | 2 |
| Temperature Resistance | [°C] from | -200 |
| | to | +550 |

| |
|--|
| Dieformed Packing Ring Seamless, slotted or split |
|--|

Notes:
In connection with K80S, pressure load up to 1500 bar.
With steam up to a maximum of 650°C.

- static applications
- for pumps
- for valves

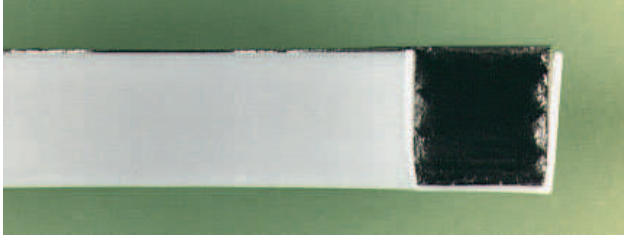
Uses

| | |
|---|---|
| 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

Packings

RivaTherm K80C Graphite foil wound and pressed in moulds, U-formed envelope of sintered PTFE



Mechanical Properties

| | | | |
|------------------------|-------|-------------|-------------|
| Maximum Pressure | [bar] | | 300 |
| Maximum Speed | [m/s] | rotating | 5 |
| | | oscillating | 2 |
| Temperature Resistance | [°C] | from | -200 |
| | | to | +280 |

Dieformed packing ring
Seamless

Notes:

For uses consistent with TA-Luft. When graphite is permissible, we recommend K80S rings as antiextrusion rings

- 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 K80S RivaTherm-Packing ring

Stainless steel, graphite laminate layered and pressed in moulds



Mechanical Properties

| | | | |
|------------------------|-------|-------------|-------------|
| Maximum Pressure | [bar] | | 1500 |
| Maximum Speed | [m/s] | rotating | 0,2 |
| | | oscillating | 2 |
| Temperature Resistance | [°C] | from | -200 |
| | | to | +550 |

Dieformed packing ring
Seamless or split

Notes:

With steam up to a maximum of 650°C. Only 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 | ● |

● = applicable ○ = conditionally applicable X = not applicable

Packings

RivaMid Packing K81 Aramide continuous filament (TWARON®) with PTFE dispersion and silicon oil



Mechanical Properties

| | | |
|------------------------|----------------|-------------|
| Maximum Pressure | [bar] | 100 |
| Maximum Speed | [m/s] rotating | 20 |
| | oscillating | 3 |
| Temperature Resistance | [°C] from | -100 |
| | to | +280 |

| | | | | | | | | | | | | | | | |
|---------------------------|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|
| Standard Width approx. mm | | | | | | | | | | | | | | | |
| 3 | 4 | 5 | 6 | 8 | 10 | 12 | 14 | 15 | 16 | 18 | 20 | 22 | 24 | 25 | |
| - | 23 | 36 | 52 | 93 | 145 | 209 | 284 | 326 | 371 | 470 | 580 | 702 | 835 | 906 | |
| Weight per meter in g | | | | | | | | | | | | | | | |

Notes:
K81P Aramide continuous fibers (TWARON®) with PTFE dispersion and paraffin oil

- 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

RivaMid-Packung K83

Aramide staple fibers with PTFE dispersion and silicon oil



Mechanical Properties

| | | |
|------------------------|----------------|-------------|
| Maximum Pressure | [bar] | 100 |
| Maximum Speed | [m/s] rotating | 15 |
| | oscillating | 2 |
| Temperature Resistance | [°C] from | -100 |
| | to | +250 |

| | | | | | | | | | | | | | | | |
|---------------------------|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|
| Standard Width approx. mm | | | | | | | | | | | | | | | |
| 3 | 4 | 5 | 6 | 8 | 10 | 12 | 14 | 15 | 16 | 18 | 20 | 22 | 24 | 25 | |
| 14 | 23 | 36 | 52 | 93 | 145 | 209 | 284 | 326 | 371 | 470 | 580 | 702 | 835 | 906 | |
| Weight per meter in g | | | | | | | | | | | | | | | |

Notes:
K 83P made of aramide staple fibers with silicon free lubricant

- static applications
- for pumps
- for valves

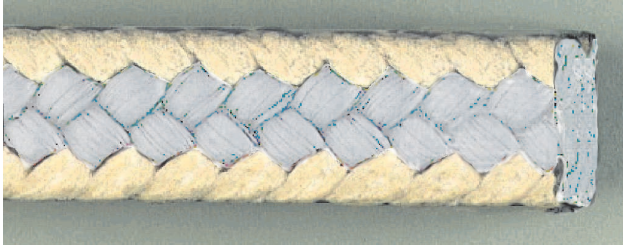
Uses

| | |
|---|---|
| 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

Packings

RivaKomb Packing K89 PTFE Multifilament fiber with aramide-reinforced edges and lubricant



Mechanical Properties

| | | |
|------------------------|----------------|-------------|
| Maximum Pressure | [bar] | 50 |
| Maximum Speed | [m/s] rotating | 15 |
| | oscillating | 15 |
| Temperature Resistance | [°C] from | -100 |
| | to | +280 |

| | | | | | | | | | | | | | | |
|---------------------------|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| Standard Width approx. mm | | | | | | | | | | | | | | |
| 3 | 4 | 5 | 6 | 8 | 10 | 12 | 14 | 15 | 16 | 18 | 20 | 22 | 24 | 25 |
| - | 26 | 40 | 58 | 102 | 160 | 230 | 314 | 360 | 410 | 518 | 640 | 774 | 922 | 1000 |
| Weight per meter in g | | | | | | | | | | | | | | |

Notes:
Predominantly intended for piston pumps
K86 without lubricant

- 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 | 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

RivaKomb Packing K90 PTFE with incorporated graphite, anti-friction lubricant and aramide-reinforced edges



Mechanical Properties

| | | |
|------------------------|----------------|-------------|
| Maximum Pressure | [bar] | 200 |
| Maximum Speed | [m/s] rotating | 10 |
| | oscillating | 10 |
| 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:
Predominantly intended for piston pumps
K90E without anti-friction lubricant

- 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 | 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

Packings

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 | X |
| Diluted lyes/alkalies | ● |
| Concentrated lyes/alkalies | X |
| 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 | ● |

● = applicable ○ = conditionally applicable X = not applicable

Packings

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 | ● |

● = applicable ○ = conditionally applicable X = not applicable

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

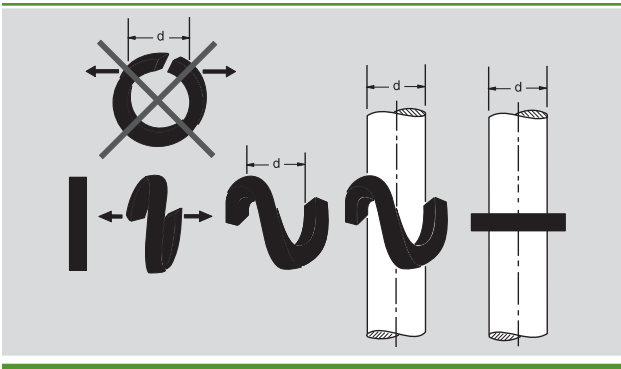
- static applications
- for pumps
- for valves

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.