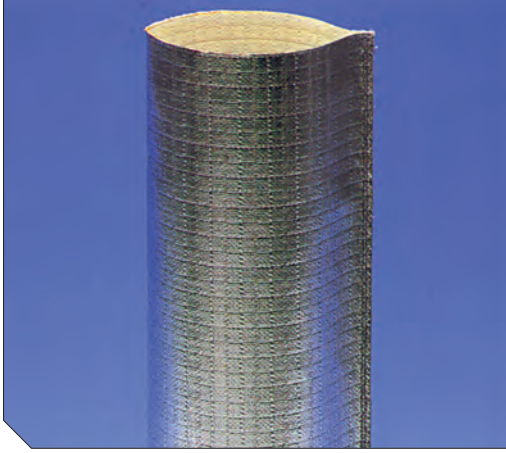


Reiku

Heat Protection Products



Reiku Protection Products Introduction

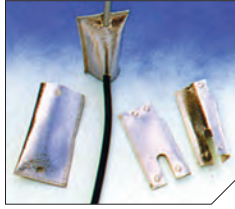


Reiku heat protection material provides outstanding protection against heat in a huge range of applications.

Containing NO asbestos products, Reiku uses laminated woven glass or laminated woven silicon to provide protection against radiant heat up to 650°C.

Flexible, easy to fit, long-lasting and available in fabric, strips, tubing or custom-made to your design

Can be fitted with heat-resistant Velcro or Stainless Steel press studs to allow fitting after installation of pipes or cables.



REIKU - GL Heat Protection Material

Safety Without Risk

Pipework and components, which are sensitive to heat and very high temperatures must be reliably protected from radiated heat in order to ensure that the machinery, plant, components, equipment etc. function properly.

The GL heat protection materials are available in 2 different versions:

GLASO Heat Protection: Temperature endurance of supporting material at pure radiation heat is up to 350°C.

GLASIL Heat Protection: Temperature endurance of supporting material at pure radiation heat is up to 650°C.

The source of radiation temperature can be more than 1000°C.

The GLASO and GLASIL ranges can be supplied in different forms and sizes:

- as woven fabric
- as strips
- as tubes, continuous or cut to length as required
- in different shapes depending on your specifications

The seams of all the products adapted are sewn with REIKU stainless metal thread or high temperature Aramid thread.

Versatile, Tough And Resistant To Match The Application.

With our G Velcro tape closure made of polyamide with overlap we offer you the opportunity of fitting REIKU GL heat resistant materials as and when you require.

Although the G-Closure is barely flammable, in application, the closure side should face away from the source of heat.

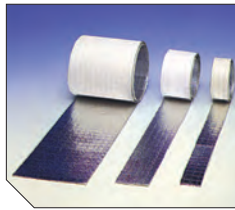
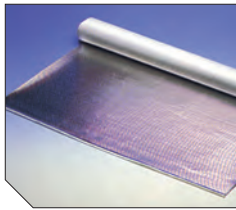
Assembly as and when you require is also possible with D-Closure (press studs) of stainless steel.

Of course, it is absolutely impossible to put across the great versatility of the GL heat protection materials here.

We should therefore like to just give examples of the successful, problem-free application of the products:

- in the automotive industry
- in glass works
- in smelting works
- in steel plants
- in reactors
- in aerospace
- in the petrochemical industry
- in research institutions
- in plastic manufacturing industry
- in area around hardening furnace
- in work-shop
- as protection screen

Reiku: GLASO



GLASO Range

GLASO.A is made of tough but elastic fabric. The extremely homogeneous layer of aluminium laminated to the outer surface reflects up to 90% of radiated heat.

GLASO.A is resistant to oil and fuel.

The interior of the GLASO.A fabric is sealed so that it cannot absorb any water.

Specification

| | |
|----------------------|--------------------------------|
| Specific weight: | 2.55g/cm ³ |
| Tensile strength: | 5000 N/50 mm |
| Melting temperature: | approx. 850°C |
| Behaviour in fire: | non-flammable (to DIN 4102) |

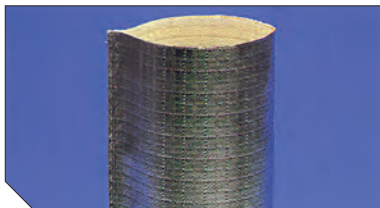
The Advantage For You In Handling:

We supply GLASO. A as large-surface fabric in 2 thicknesses, as strips in 6 different widths, in lengths of 50 metres and as tubes with 21 different diameters up to 300mm dia. with length of 50 metres.

In addition to these standardized dimensions for strips and tubes of GLASO.A different widths and diameters can be supplied on request.

The fabric can be cut with scissors.

| GLASO.A Fabric | | | |
|----------------|----------------|------------|--------------------------|
| Part No. | Thickness (mm) | Width (mm) | Weight Kg/m ² |
| GA08F | 0.8 | 1000 | 0.85 |
| GA12F | 1.2 | 1000 | 1.2 |



GLASO.A Strips

| Width (mm) | From GA08 (0.8mm Thick) Part No. | From GA12 (1.2mm Thick) Part No. |
|------------|----------------------------------|----------------------------------|
| 25 | GA08 T 025 | GA12 T 025 |
| 50 | GA08 T 050 | GA12 T 050 |
| 75 | GA08 T 075 | GA12 T 075 |
| 100 | GA08 T 100 | GA12 T 100 |
| 200 | GA08 T 200 | GA12 T 200 |
| 300 | GA08 T 300 | GA12 T 300 |

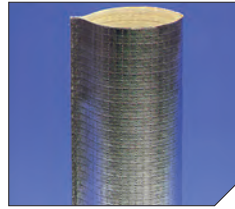
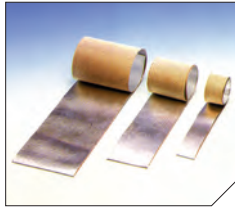
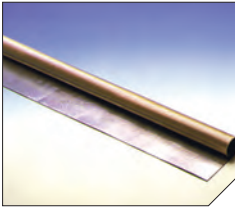
Other widths and lengths available on request.

GLASO.A Tubes

| Nominal Diameter (mm) | From GA08 (0.8mm Thick) Part No. | From GA12 (1.2mm Thick) Part No. |
|-----------------------|----------------------------------|----------------------------------|
| 12 | GA08 S 012 | GA12 S 012 |
| 14 | GA08 S 014 | GA12 S 014 |
| 16 | GA08 S 016 | GA12 S 016 |
| 20 | GA08 S 020 | GA12 S 020 |
| 25 | GA08 S 025 | GA12 S 025 |
| 30 | GA08 S 030 | GA12 S 030 |
| 35 | GA08 S 035 | GA12 S 035 |
| 40 | GA08 S 040 | GA12 S 040 |
| 45 | GA08 S 045 | GA12 S 045 |
| 50 | GA08 S 050 | GA12 S 050 |
| 60 | GA08 S 060 | GA12 S 060 |
| 70 | GA08 S 070 | GA12 S 070 |
| 80 | GA08 S 080 | GA12 S 080 |
| 90 | GA08 S 090 | GA12 S 090 |
| 100 | GA08 S 100 | GA12 S 100 |
| 110 | GA08 S 110 | GA12 S 110 |
| 120 | GA08 S 120 | GA12 S 120 |
| 150 | GA08 S 150 | GA12 S 150 |
| 200 | GA08 S 200 | GA12 S 200 |
| 250 | GA08 S 250 | GA12 S 250 |
| 300 | GA08 S 300 | GA12 S 300 |

Other diameters and lengths available on request.

Reiku: GLASIL



GLASIL Range

GLASIL.A is made of elastic silicon fabric (amorphous SiO₂), one side of which is laminated with aluminium.

No asbestos! This silicon fabric repels oil, acids etc. and thus has virtually unlimited industrial applications.

Specification

Tensile strength: 700 N/50mm
Melting temperature: approx. 1700°C
Behaviour during fire: non- flammable (to DIN 4102)

The Advantage For You In Handling:

We supply GLASIL.A as fabric in 2 thicknesses, as strips with 6 different widths in a length of 50 metres and as tubes with 21 different diametres up to 280mm dia. and a length of 50 metres. In addition to these standard dimensions GLASIL.A can be supplied as strips and tubes in other widths and diametres.

The fabric can be cut with scissors.

| GLASIL.A Fabric | | | |
|-----------------|----------------|------------|--------------------------|
| Part No. | Thickness (mm) | Width (mm) | Weight Kg/m ² |
| GI10F | 1.0 | 930 | 0.70 |
| GI18F | 1.8 | 930 | 1.35 |

GLASIL.A Strips

| Width (mm) | From GI10 (1.0mm Thick) Part No. | From GI18 (1.8mm Thick) Part No. |
|------------|----------------------------------|----------------------------------|
| 25 | GI10 T 025 | GI18 T 025 |
| 50 | GI10 T 050 | GI18 T 050 |
| 75 | GI10 T 075 | GI18 T 075 |
| 100 | GI10 T 100 | GI18 T 100 |
| 200 | GI10 T 200 | GI18 T 200 |
| 300 | GI10 T 300 | GI18 T 300 |

Other widths and lengths available on request.

GLASIL.A Tubes

| Nominal Diameter (mm) | From GI10 (1.0mm Thick) Part No. | From GI18 (1.8mm Thick) Part No. |
|-----------------------|----------------------------------|----------------------------------|
| 12 | GI10 S 012 | GI18 S 012 |
| 14 | GI10 S 014 | GI18 S 014 |
| 16 | GI10 S 016 | GI18 S 016 |
| 20 | GI10 S 020 | GI18 S 020 |
| 25 | GI10 S 025 | GI18 S 025 |
| 30 | GI10 S 030 | GI18 S 030 |
| 35 | GI10 S 035 | GI18 S 035 |
| 40 | GI10 S 040 | GI18 S 040 |
| 45 | GI10 S 045 | GI18 S 045 |
| 50 | GI10 S 050 | GI18 S 050 |
| 60 | GI10 S 060 | GI18 S 060 |
| 70 | GI10 S 070 | GI18 S 070 |
| 80 | GI10 S 080 | GI18 S 080 |
| 90 | GI10 S 090 | GI18 S 090 |
| 100 | GI10 S 100 | GI18 S 100 |
| 110 | GI10 S 110 | GI18 S 110 |
| 120 | GI10 S 120 | GI18 S 120 |
| 150 | GI10 S 150 | GI18 S 150 |
| 200 | GI10 S 200 | GI18 S 200 |
| 250 | GI10 S 250 | GI18 S 250 |
| 280 | GI10 S 280 | GI18 S 280 |

Other diameters and lengths available on request.