

german**Grip**[®]



quality ... beyond expectations



We've got the grip

germanBelt – quality without compromise

We ensure that your pulleys run smoothly and exert less stress on the material. For this reason, we have developed lagging materials that possess great resistance against premature wear. Our protective technology reduces the stress on pulleys and bearing, prolonging their life expectancy.

germanGrip lagging materials also have a positive effect on conveyor belts. They too are under less stress because, thanks to our technology, their operation requires significantly less belt tension due to an optimised friction coefficient. This prolongs the life expectancy of the entire plant and increases its profitability. The interplay of our products ensures that the necessary forces are exerted there where they can act most effectively. This we guarantee with our seal of quality, “certified by germanBelt“.

Quality is our promise. There can be no compromise. We provide you with high quality advice on applications, professional planning by our engineers and, of course, full service at any time. In all phases of the process, we pay the highest attention to unconditional efficiency and the best benefits for our customers.

We know how to get the grip. See for yourself!

Uwe Hickmann
Managing Partner, germanBelt Group

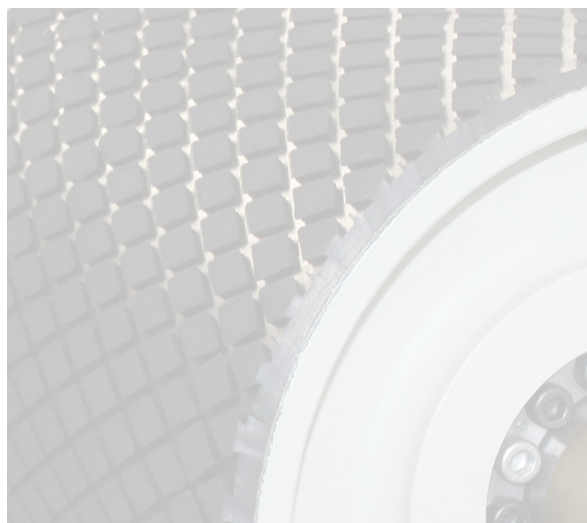


By our “certified by germanBelt“ seal of quality we guarantee to provide our customers with perfect high-class workmanship.

germanGrip® Product Range

Contents

PAGE	SUBJECT
02	We've got the grip
03	Contents
04	Guaranteed grip for your pulleys
05	Ceramic lagging materials
06	Rubber lagging materials
07	General view





germanGrip®

Guaranteed grip for your pulleys

The application of germanGrip lagging materials greatly improves the pulleys' frictional coefficient and prevents the belt from shifting even in extremely difficult conditions. The lagging material's extreme grip allows reduced belt tension, which has a positive effect on the life expectancy of both belt and pulley bearing. The minimal belt slip leads to lower wear and tear on the contact surface and optimal force transmission. We want your plant running and provide the optimal solution for every application.

- **EXTREME GRIP**
- **OPTIMAL FORCE TRANSMISSION**
- **MINIMAL WEAR AND TEAR**
- **HIGH LIFE EXPECTANCY**

Ceramic lagging materials

Ceramic modules display proven and outstanding wear behaviour in terms of abrasion resistance to viscoelastic materials (elastomers) while providing the highest friction forces to the friction partner. The combination of ceramic friction modules and flexible elastomeric substructures is an ideal combination of materials that synergically combines the benefits of the individual components.



germanGrip® Cera with CN-Layer

Available dimensions:

Thickness:	12 mm
Width:	385 mm
Available length:	10 m

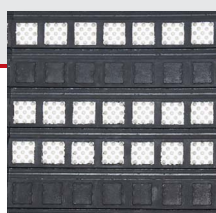
Specifications:

Detailed profile:	20 x 20 x 4 mm
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Base belt:

Density:	1.13 ± 0.03 [g/cm ³]
Hardness:	60 ± 5° [Shore A]
Elongation at break:	≥ 400 %
Abrasion:	≤ 130 [mm ³]

Note: Special materials on request.



germanGrip® Cera basic with CN-Layer

Available dimensions:

Thickness:	12 mm
Width:	385 mm
Available length:	10 m

Specifications:

Detailed profile:	20 x 20 x 4 mm
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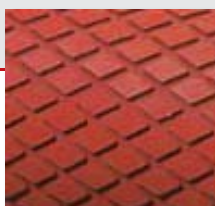
Base belt:

Density:	1.13 ± 0.03 [g/cm ³]
Hardness:	60 ± 5° [Shore A]
Elongation at break:	≥ 400 %
Abrasion:	≤ 130 [mm ³]

Note: Special materials on request.

Rubber lagging materials

germanGrip rubber lagging materials provide first class traction power and longevity. Even in wet and muddy conditions the friction material ensures an optimal grip and protects the belt against water and dirt. Rely on germanGrip rubber lagging materials and reduce slip and wear on belt and pulleys.



germanGrip® MR 45 Red with CN-Layer

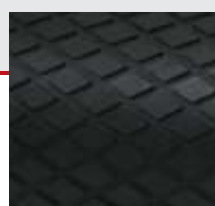
Available dimensions:

Thickness:	8/10 mm
Width:	1,500/2,000 mm
Available lengths:	10/20/30/40/50 m

Specifications:

Colour:	red
Detailed profile:	34 x 17 x 3 mm [small diamond groove]
Density:	1.08 ± 0.03 [g/cm ³]
Hardness:	40 ± 5° [Shore A]
Elongation at break:	≥ 650 %
Abrasion:	≤ 85 at 5 N [mm ³]

Note: Special materials on request.



germanGrip® MR 60 Black with CN-Layer

Available dimensions:




Thickness:	8/10/12 mm
Width:	1,500/2,000 mm
Available lengths:	10/20/30/40/50 m

Specifications:

Colour:	black
Detailed profile:	34 x 17 x 3 mm [small diamond groove]
Density:	1.13 ± 0.03 [g/cm ³]
Hardness:	60 ± 5° [Shore A]
Elongation at break:	≥ 400 %
Abrasion:	≤ 130 [mm ³]

Note: Special materials on request.

General view

Product	Thickness (mm)	Width (mm)	Length (mm)
germanGrip® Cera			
with CN-Layer 	12	385	10,000
germanGrip® Cera basic			
with CN-Layer 	12	385	10,000
germanGrip® MR 45 Red			Available lengths (m)
with CN-Layer 	8 10	1,500/2,000 1,500/2,000	10/20/30/40/50 10/20/30/40/50
germanGrip® MR 60 Black			
with CN-Layer 	8 10 12	1,500/2,000 1,500/2,000 1,500/2,000	10/20/30/40/50 10/20/30/40/50 10/20/30/40/50

Note: Special materials on request.

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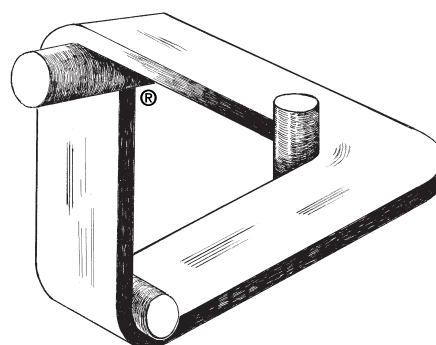
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