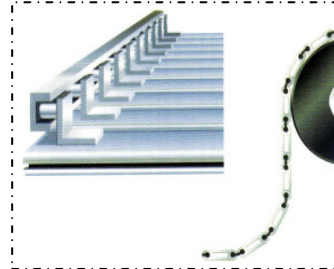
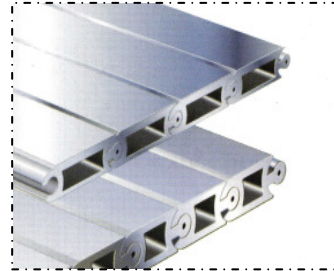
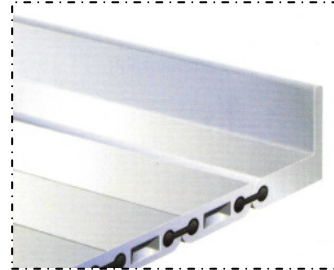
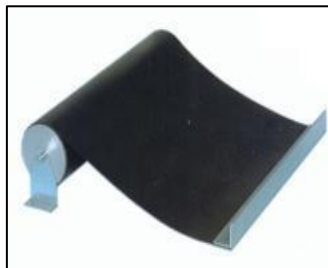
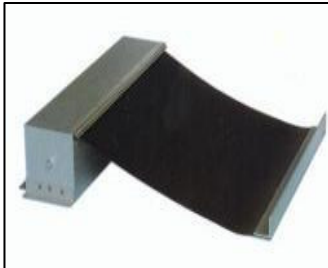
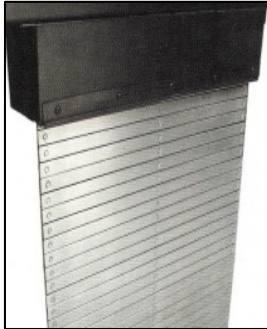


Roll Covers



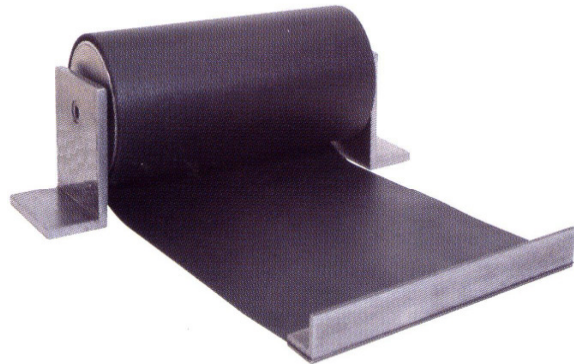
Apron Cover Systems

Roll covers

Roll covers are a valid protection used as an alternative to telescopic covers and bellows.

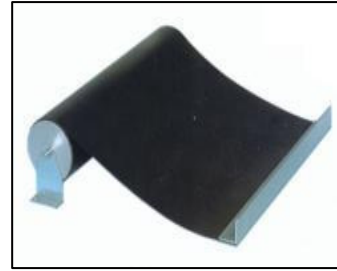
Roll covers offer different advantages:

- Protection of the guides against Oil, Coolant, dust, water spatter. If there are incandescent chips we recommend an apron cover is used (see material list)
- Accident prevention
- Minimum necessary dimensions
- Easy assembly (screw fixed)
- High travel speed and acceleration
- Wide choice of material
- Long life
- Short delivery time
- Attractive price
- Assured function



Roll covers without roller box

Featuring reduced dimensions, the roll covers allow an elegant solution and offer excellent protection from coolants, water spatter, Oil, dust, lubricants ...also available with a deflection sheave.



Roll covers with roller box

An additional protection for the roll-up.

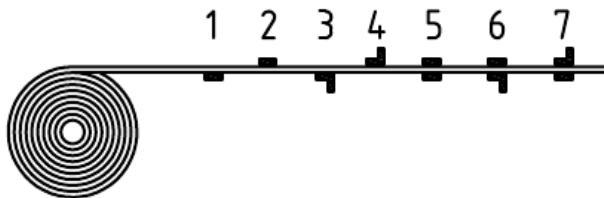
They are also supplied:

- with a stainless steel belt, resistant even to incandescent chips
- with wipers, mounted on the housing, to prevent fouling



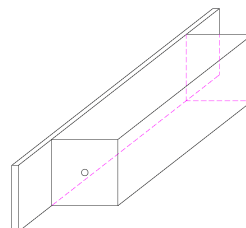
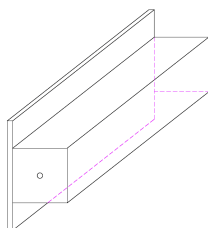
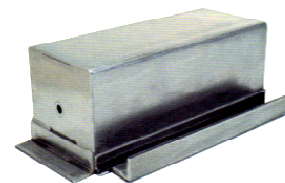
Belt head fixing:

All steel parts can be glazed, burnished or painted black. Any fixing holes are made in accordance with the customer's drawing.



Roller box fixing:

Standard mounting of the box. Nearly every possible mounting can be provided. For customised mounting we need a drawing or a sketch.



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List of materials for the belt:

Material	Thickness mm	max. width (mm)	Temperature resistance °C	Resistance
PVC	0.25 0.36 0.60 0.80	2000	-30...+70	Water spatter, Oil, Coolants, Acid
Neoprene®	0.5 0.8 0.9 1.2 1.4	2000	-30...+120	Water spatter, Oil, Coolants, Chips
Poly-urethan	0.25 0.36 0.80 1.40	2000	-30...+120	Water spatter, Oil, Coolants, Chips Abrasive dust
Kevlar® Hyalon®	1.2	1500	-20...+500	Water spatter, Oil, Coolants, Weld spatter
silicone or aluminised fibreglass	0.5	1500	-30...+200	Chips Weld spatter
Stainless steel	0.25 0.3 0.4	1000 200 300	-100...+500	Chips Weld spatter
Nomex®	0.36	1500	-30...+400	Chips Weld spatter

® Neoprene, Kevlar, Hyalon, Nomex are registered trademarks of Dupont.

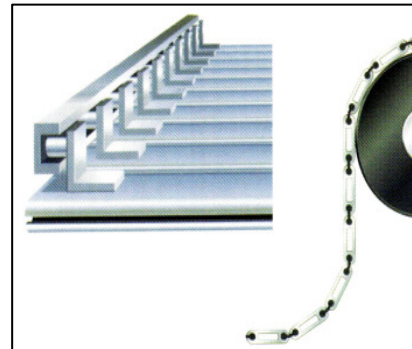
Kühner Handel GmbH
72770 Reutlingen
Auf der Ay 32

Telephone 07121/ 9277 – 0 e-mail: info@kuehner.de
Fax 07121/ 9277 – 10 Web: www.kuehner.de

Apron Cover Systems

The apron covers are an excellent solution that provides:

- guide protection against fouling, especially with the occurrence of **hot chips**
- **high load capacity** (able to be walked on)
- accident prevention
- requires only minimum space
- simple mounting (screw fixed)
- resistance against high temperatures
- long-life
- short delivery time
- attractive price



GR light



GR heavy



GP



GP g



G



They are produced in three types:

1. highly tear-resistant coated fabric (GR)

- with Aluminium segments (GR light)
- With Aluminium /Aluminium or Steel/Steel or Steel/Brass (GR heavy)

2. Aluminium segments with Polyurethane connections (GP 3,5 – 5,5)

- rounded or
- surface flat (can be cleaned by wipers) (GP g)
- from 5.5 mm thickness walk able (for the reckoning please contact our technical office)

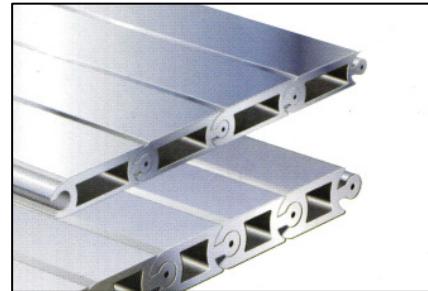
3. Aluminium segments (G 6.7 – 25)

- can be walked upon, perfect as pit cover (for an assessment please contact our technical office)
- easy to extend or to shorten
- profiles are changeable (in case of damages))

Visual openings are also possible.

Kühner

List of materials for the Apron cover



Type	Material	Insert material	Thickness (mm)	Min. radius (mm)	Permanent temperature resistance (C°)	Resistant to trampling
GR Leicht	Aluminium	Hypalon®	4	25	120°C	no
GR Schwer	Aluminium/ Aluminium Steel/Steel Steel/Brass	Hypalon®	6 7	25	120°C	no
GP g 3.5–5.5	Aluminium anodized	Poly- urethan	3.5 5.5	15 25	120°C	*
GP 3.5–5.5	Aluminium anodized	Poly- urethan	3.5 5.5	15 25	120°C	*
G 14 25	Aluminium anodized	-	14 25	42 100	500°C	yes yes

* for an assessment please contact our technical office

® Hypalon is a registered trademark of Dupont.

We use different materials in diverse compositions and processing, allowing us to offer you just the covers needed for your type of machine and the environmental conditions. Our technical office will be glad to offer you expert advice and a range of possible solutions.

Please use our enquiry form

- roll/apron cover - which can be found - with interesting information about our other products- at our website: www.kuehner.de

Kühner

Enquiry Form: Roll and Apron Covers

One-off demand units

Annual demand units

Where do you wish to use the bellow:

Will the cover be exposed to any material?
If yes, what kind?

Temperature of the material:°C

Contact with aggressive liquids? Yes, which.....

No

Max. acceleration g

Travel speed (m / min.)

Working hours per day h

Working environment temperature:°C

Band width mm

Extension (L max.) mm

Selection of type: Textile band

Aluminum apron cover

Stainless-steel band

Working position

horizontal

horizontal

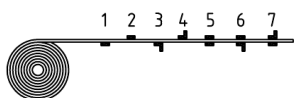
frontal

frontal

vertikal

vertikal

Band mounting



1

2

3

4

5

6

7

Alu

Steel

Stainless steel

with housing

without housing

Box sides max.: mm x mm

Overall width max. mm

Box width max.: mm

Roll cover Ø max. mm

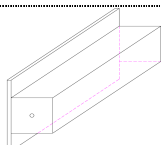
Housing material Steel

Stainless steel

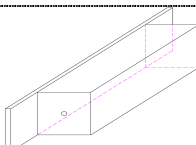
.....

Housing mounting

1

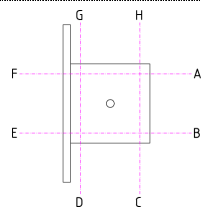


2

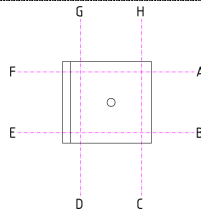


Band exit

1



2

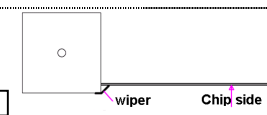


A
 B
 C
 D

E
 F
 G
 H

Wiper Position

without



Customer:

Company: _____

Your name: _____

Address: _____

City / Post Code _____

Phone: _____

Fax: _____

email: _____

Kühner Handel GmbH
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Auf der Ay 32

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