

Ningbo Yoyang Rubber&Plastic Products CO.,LTD

Add:Room 4216,No.4 building,No.568 Simingdong Rd,Zhonghe Street,Yinzhou Distric,Ningbo,China

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Yoyang Pulley Lagging



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Rubber Pulley Lagging

Rubber Pulley Lagging is designed to eliminate belt slippage, increase pulley life, improve water shedding, and boost productivity.

Features and Benefits:

- **CN Layer Peeling Strength: $\geq 12\text{kN/m}$**
- **Rubber Abrasion Loss: $\leq 80\text{mm}^3$**
- **Tensile Strength: $\geq 24\text{ MPa}$**
- **Size: 10m*2m without any splice, our mold is 10m*2m.**
- **Fast, easy installation that doesn't require removing the pulley from the conveyor.**

Our Advantage:

- **10m*2m vulcanizing press, lagging is directly produced in one piece. No repeated work, no waste material.**
- **We have diamond mold, no need carve diamond pattern. No labor cost and waste rubber.**
- **Labor cost and waste material is much reduced, so does the price.**
- **Advanced machine and mature production line make sure high productivity, quality and consistency.**

Rubber Lagging Technical Data:

Tensile Strength: $\geq 24\text{MPa}$

Elongation at Break: $\geq 880\%$

Abrasion Loss: $\leq 80 \text{ mm}^3$

Rubber Hardness: 60~65 SH° A, CN Layer Hardness: 65~70 SH° A

Peeling Strength between cn layer and steel surface: $\geq 12\text{kN/m}$

Plain Rubber Pulley Lagging:

- Smooth Rubber Lagging Surface
- Protects non-drive pulleys on dirty side of belt.



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Diamond Rubber Pulley Lagging:

- Bi-directional pulley rotation
- Sheds water from belt
- Reversing drive pulley capable



Ceramic Pulley Lagging:

Ceramic rubber lagging is specially suited for pulleys where slippage and excessive wear and tear problems make normal rubber lagging ineffective. The alumina ceramic tiles help in proper grip of the belt under wet, muddy or any other such arduous conditions.

Ceramic Pulley Lagging Features and Benefits:

- Rubber-backed ceramic tiles with a raised “buttons” that embed themselves into the belt’s underside for non-abrasion traction
- Exceptional performance in wet, muddy, or dry conditions.
- None of the sharp particles or abrasive edges
- Fast, easy installation that doesn’t require removing the pulley from the conveyor
- Eliminate belt slippage, extend life of belt and pulley.



DB-TC-I



DB-TC-II

Technical Data:

- 1. Alumina Oxide: >92%**
- 2. Ceramic Hardness(Mohs): >9t**
- 3. Working Temperature: $\leq 85^{\circ}\text{C}$**
- 4. Rubber Hardness: 65 ± 5 Shore A**
- 5. Tensile Strength: 24 MPa**
- 6. CN bonding layer peel strength: $\geq 12\text{kN/m}$.**
- 7. It's suitable for pulleys performing in the most difficult conditions**

DB-TC-I Ceramic Pulley Lagging:

Ceramic Coverage: 80%

DB-TC-I Size: 12mm thick * 200mm width

Length: 50mm~100mm longer than your pulley width

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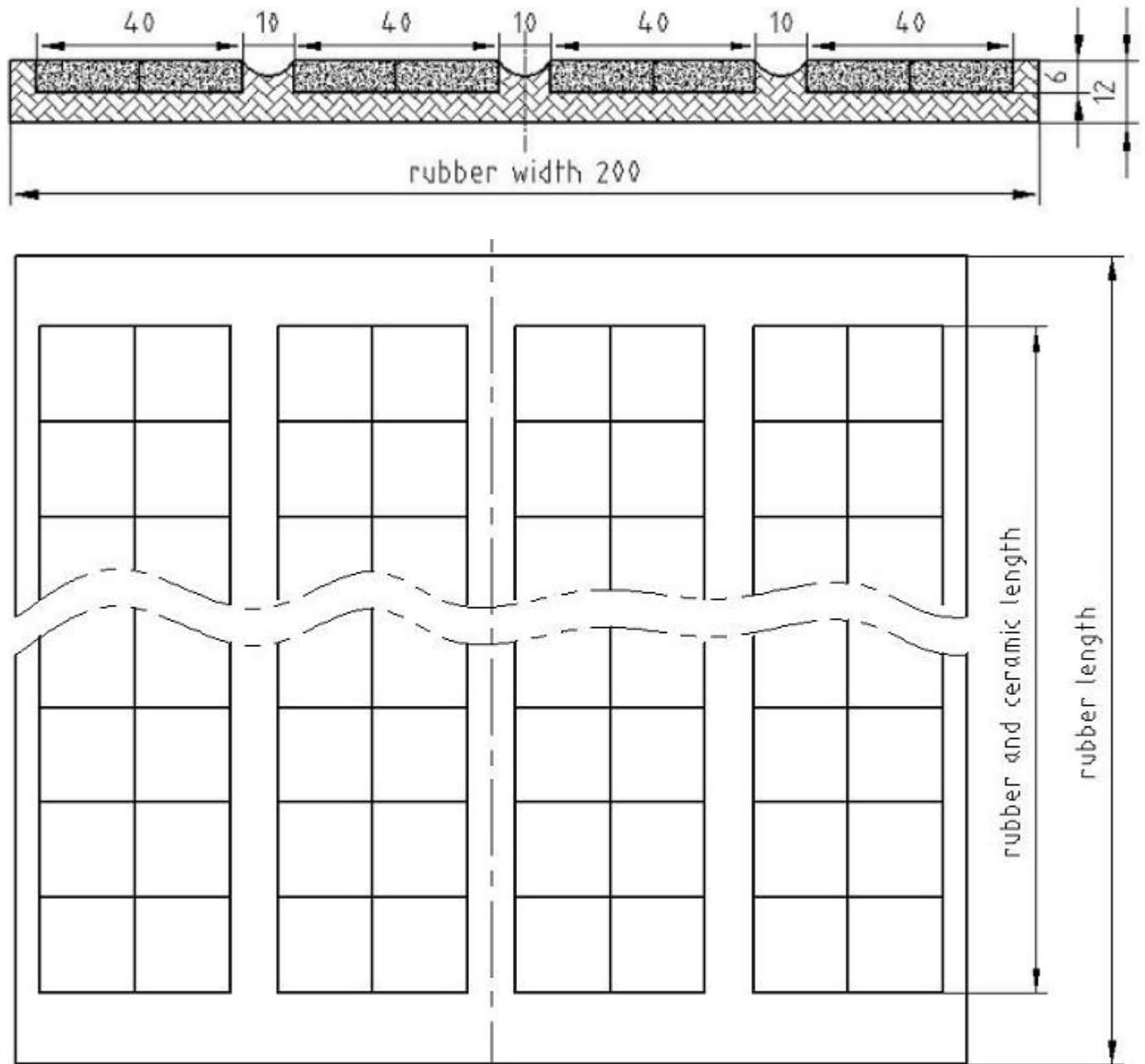
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Structure:



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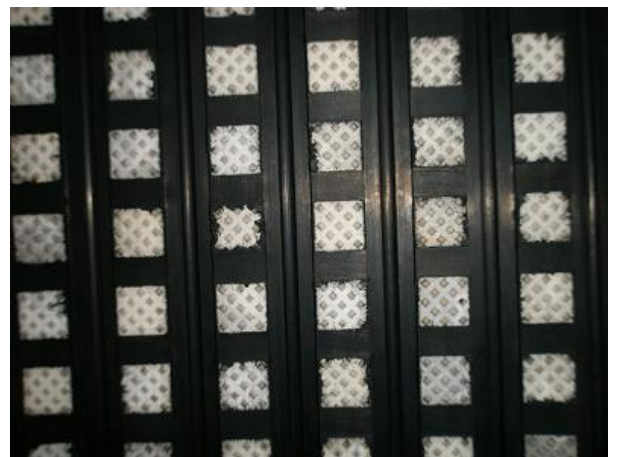
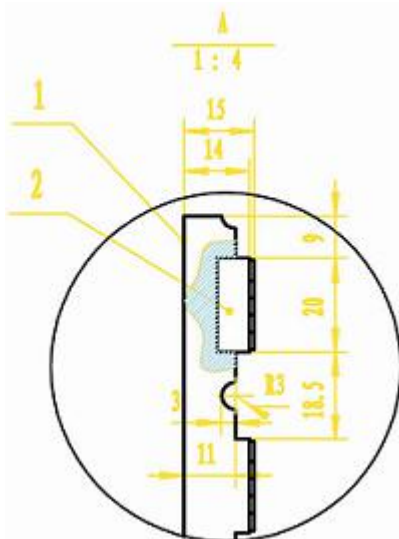
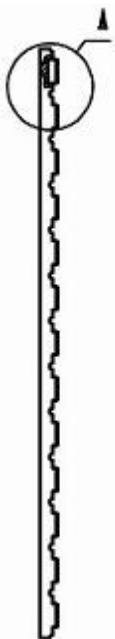
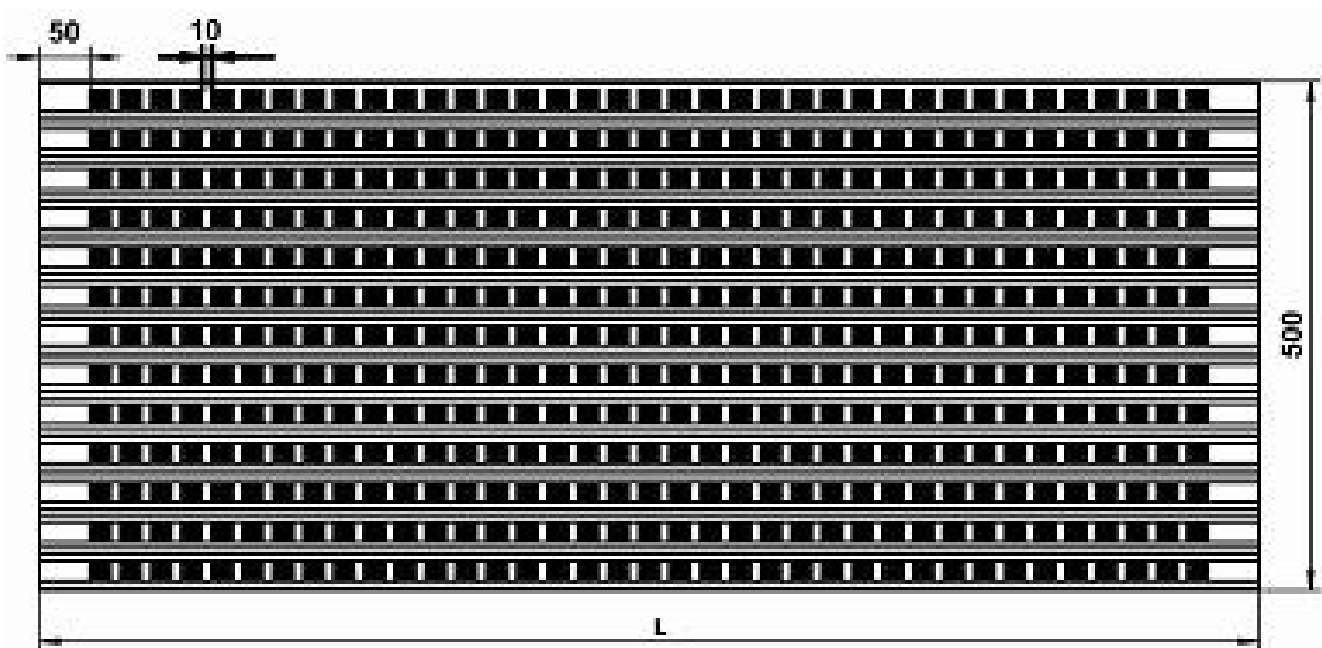
DB-TC-II Ceramic Pulley Lagging:

Ceramic Coverage: 50%

DB-TC-II Size: 15mm thick * 500mm width

Length: 50mm~100mm longer than your pulley width

Structure:



Replaceable Pulley Lagging

We have Bolt-on Replaceable Pulley Lagging and Slid-lag Replaceable Pulley Lagging.

DB-WK1 Slide-Lag Replaceable Pulley Lagging



Features:

- 1.Prevent belt slip,wet or dry.
- 2.Good traction.
- 3.Easy to install and replace.
- 4.Wearable resistance,longer service life.
- 5.It can be installed on site without removing pulleys.
- 6.Suitable for all kinds of pulleys.

Technical Data:

1. Rubber

1.1. Material: NR & SBR

1.2. Hardness: 60~65 SH°A

1.3. Abrasion Loss: $\leq 80 \text{ mm}^3$

2. Steel Plate Backing Plate:

2.1. Material: Q235

2.2. Thickness: 2mm

2.3. Width: $136.5 \pm 0.3 \text{ mm}$

3. Metal Retainer:

3.1. The retainer is pressed out of steel plate and treated with zinc.

3.2. Material is Q235A

4. Overall thickness:12mm, 15mm, 20mm.

Selection chart					Unit:mm	
Pulley Width Thickness	750	950	1150	1400	1600	1800
12	750	950	1150	1400	750+850	850+950
15	750	950	1150	1400	750+850	850+950
20	750	950	1150	1400	750+850	850+950

No. of rubber sheets and retainers needed

$$N=3.14 \times D / 157$$

D-----Pulley diameter(mm)

D	NO.of rubber sheets	NO.of retainers
φ500	10pcs	11pcs
φ630	13pcs	14pcs
φ800	16pcs	17pcs
φ1000	20pcs	21pcs
φ1250	25pcs	26pcs
φ1400	28pcs	29pcs
φ1600	32pcs	33pcs

Thickness of rubber sheet is chosen by customers themselves, recommended thickness is listed below:

D < 800mm: 12mm

800 ≤ D ≤ 1400mm: 15mm

D > 1400mm: 20mm

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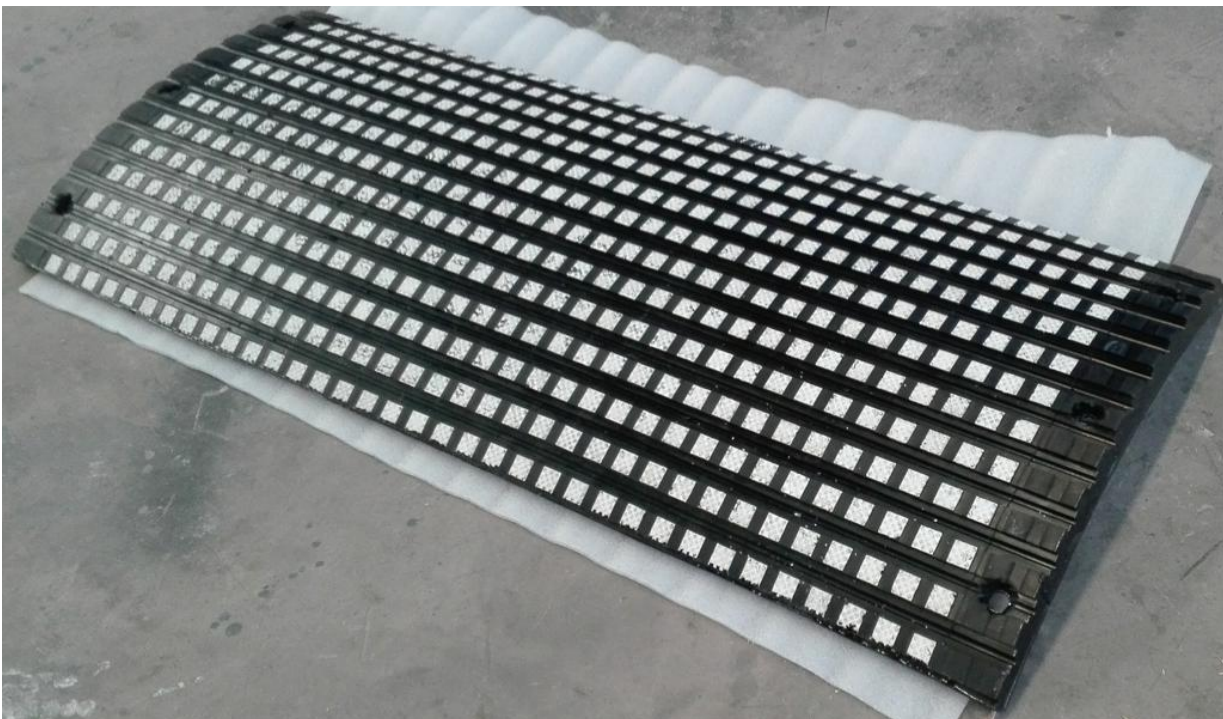
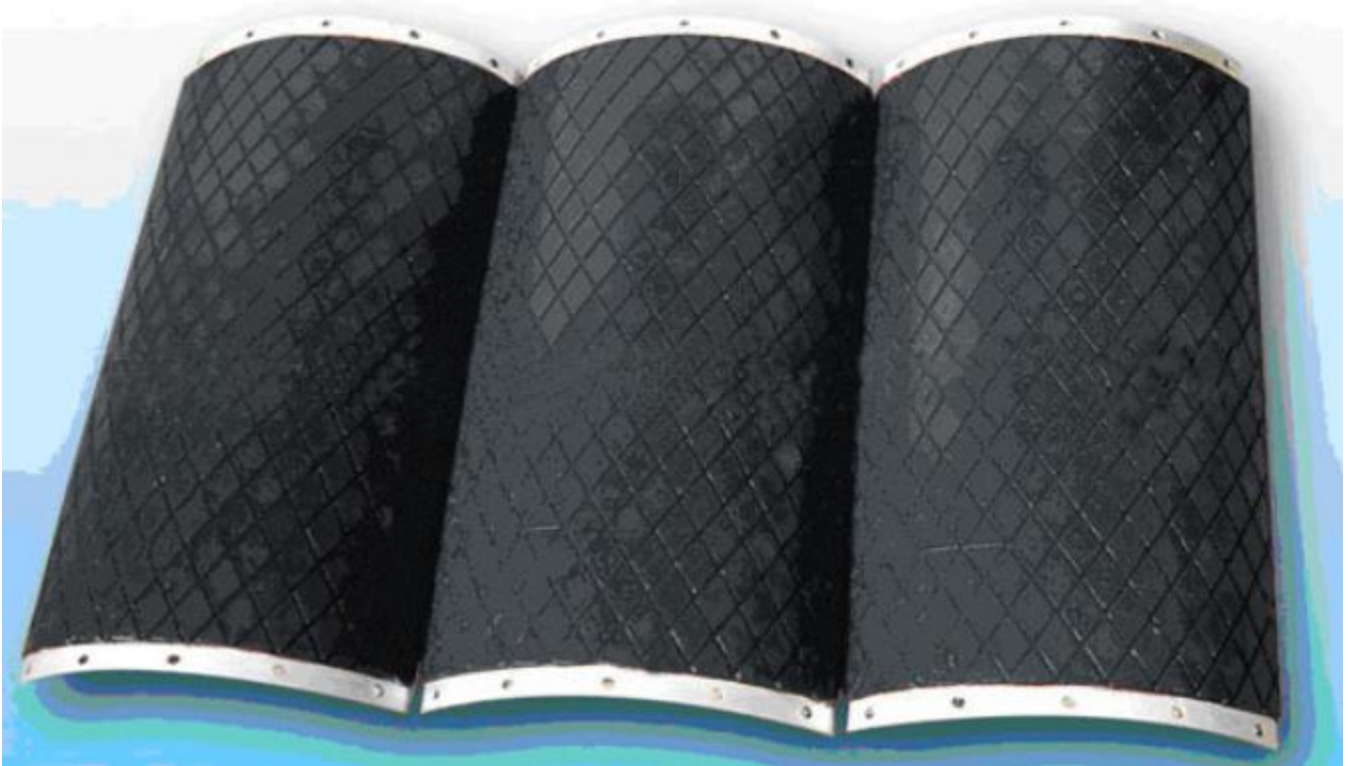
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DB-WK2 Bolt-on Replaceable Pulley Lagging

1. Bolt-on pulley lagging is installed by bolts, it's compounded by rubber layer and steel plate. Hex head fasteners are provided with each kit.



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Features:

1. Can be installed on site, no need to remove the pulley
2. Low maintenance, easy and quick to install and replace
3. High wear resistant rubber layer, longer service life
4. Suitable for pulley which is less than $\text{Ø}1400 \times 1400\text{mm}$

Model Selection:

Model No.	Item	Specification
ZE-WK218	Replaceable Pulley Lagging-Non Flame Resistant	18
ZE-WK221	Replaceable Pulley Lagging-Non Flame Resistant	21

Details for price:

1. Flame retardant or not and rubber sheet thickness.
2. Specifications of pulleys: Diameter and length of the pulleys.

Technical & Size:

1. Rubber Hardness: 60~65 Shore A
2. Rubber Abrasion Loss: $\leq 80\text{mm}^3$
3. Rubber Tensile Strength: $\geq 24\text{MPa}$
4. Rubber Elongation at Break: $\geq 880\%$
5. Peel Strength between rubber and steel plate: $\geq 12\text{KN/m}$
6. Rubber layer thickness: 12mm, 15mm.

Steel plate thickness: 6mm

Whole thickness: 18mm, 21mm

7. Bolts connection, the radial direction pitch-row is 100mm arc length.

8. According to our installation manual

NO. Of Lagging Sheets Needed

Pulley diameter without lagging	NO. of Lagging needed	Lagging Arc Length
φ500	2.5 pcs	628
φ630	3~4 pcs	628
φ800	4pcs	628
φ1000	5pcs	628
φ1250	6~7 pcs	628
φ1400	7 pcs	628
φ1600	8 pcs	628

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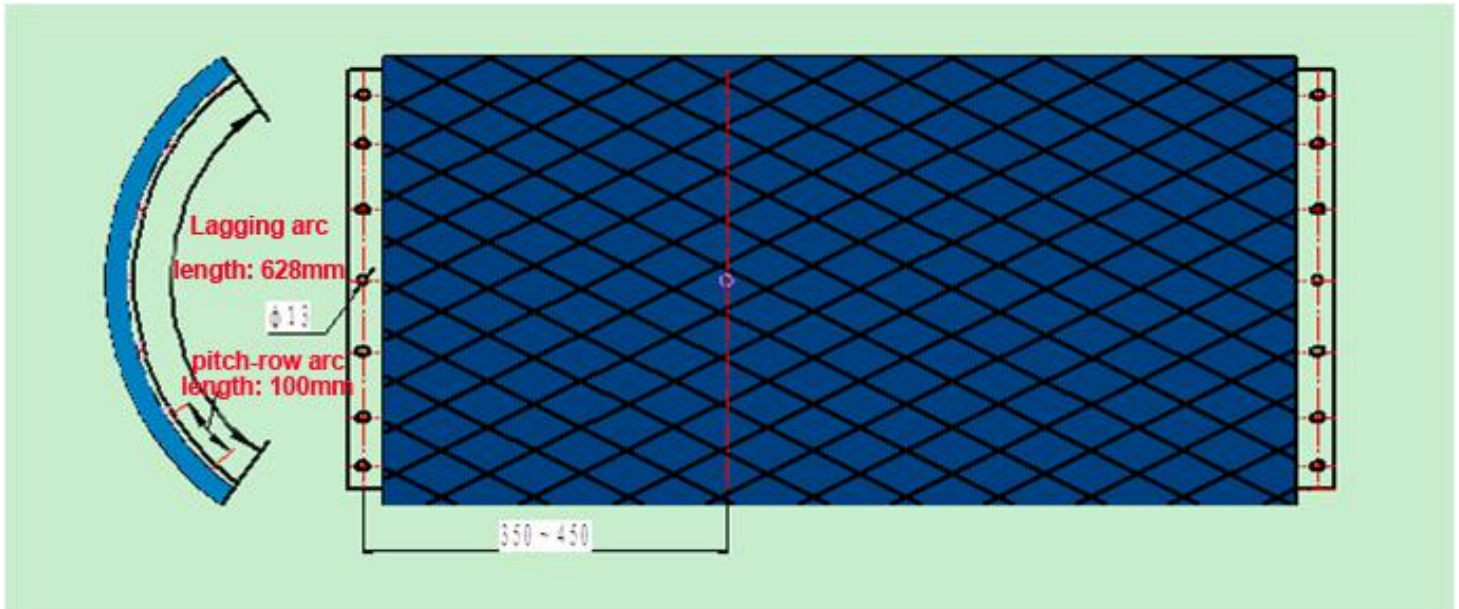
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Drawing



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Stock:

