

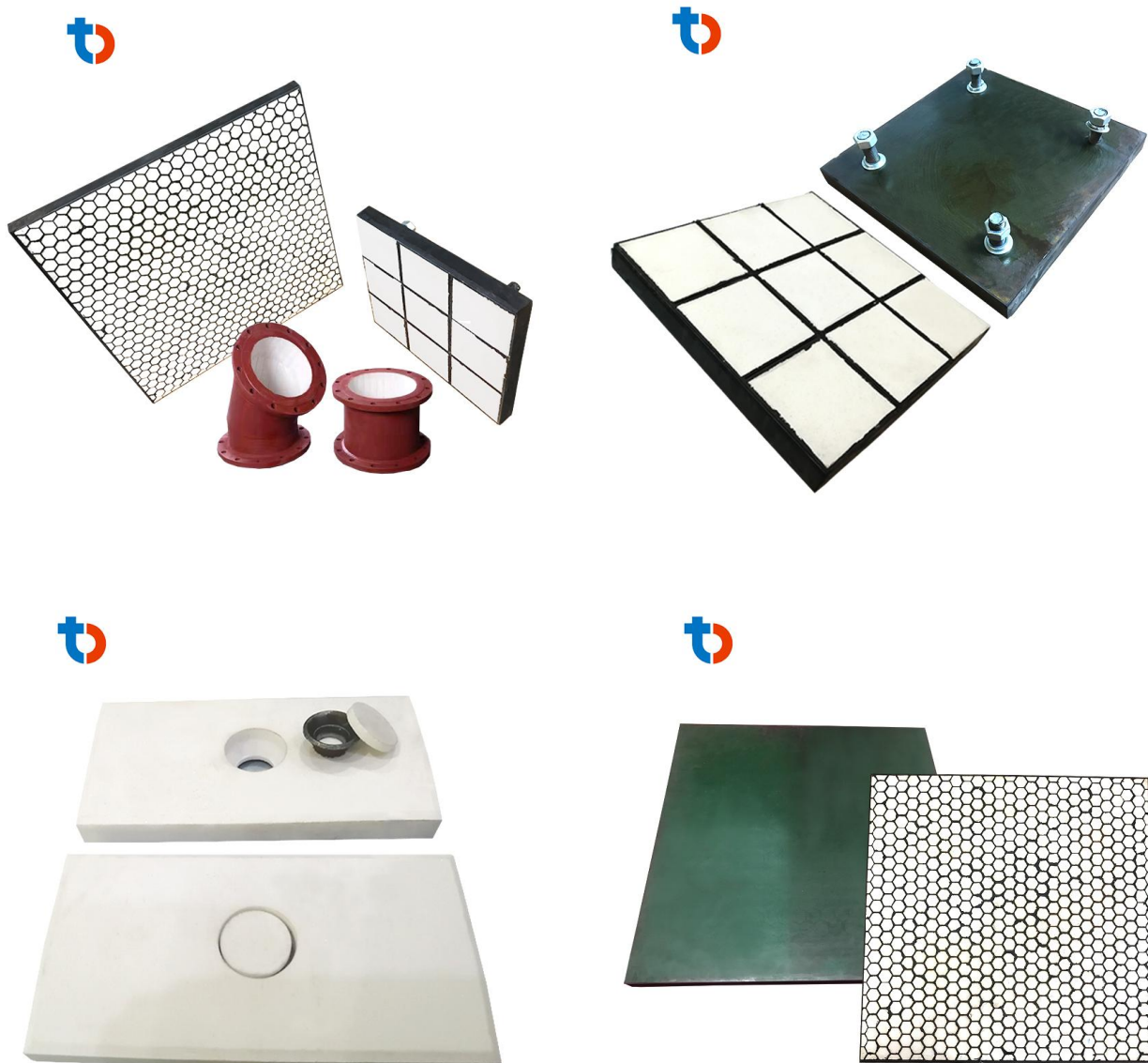


**ZHENGZHOU BAI-OTT NEW MATERIAL CO.,LTD**

**中国. 郑州佰欧特新材料有限公司**

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## Details of Ceramic lining

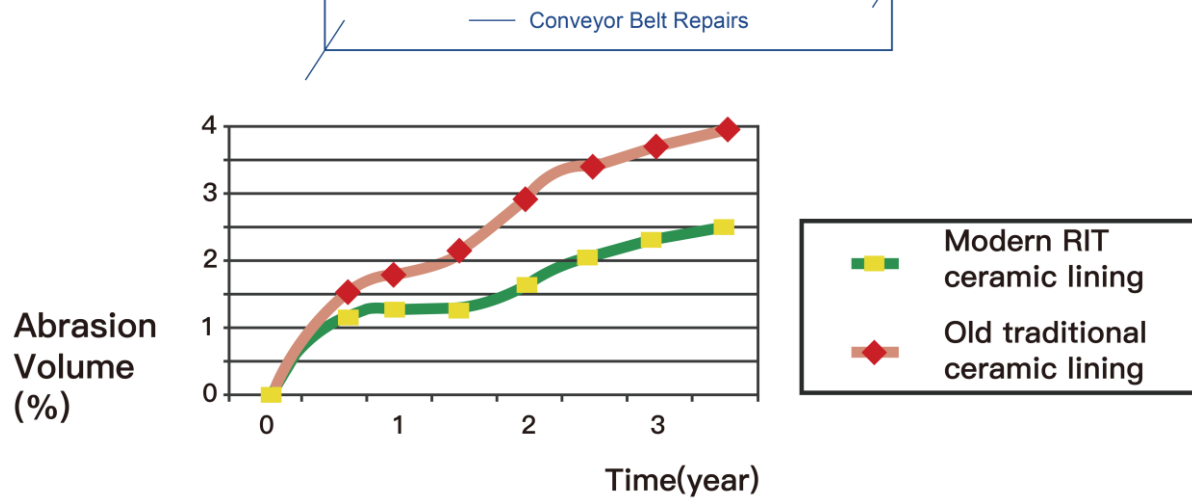


Ceramic lining is divided into two-in-one liner and three-in-one liner.

Two-in-one lining refers to the composite of ceramic and rubber.

Three-in-one lining refers to the composite of ceramic, rubber and steel plate. And it comes with bolts for easy installation.

## WEAR-ABRASIVE TEST



## PARAMETER

Conveyor Belt Repairs

### Ceramic Tile Specifications

Al <sub>2</sub> O <sub>3</sub> (%)	95+0.5
Bending Strength (Mpa)	>280
Fracture Toughness (MPam <sup>1/2</sup> )	>3.9
Rockwell Hardness (HRA)	>88
Wear Volume (cm <sup>3</sup> )	<0.3
Density(g/cm <sup>3</sup> )	>3.7

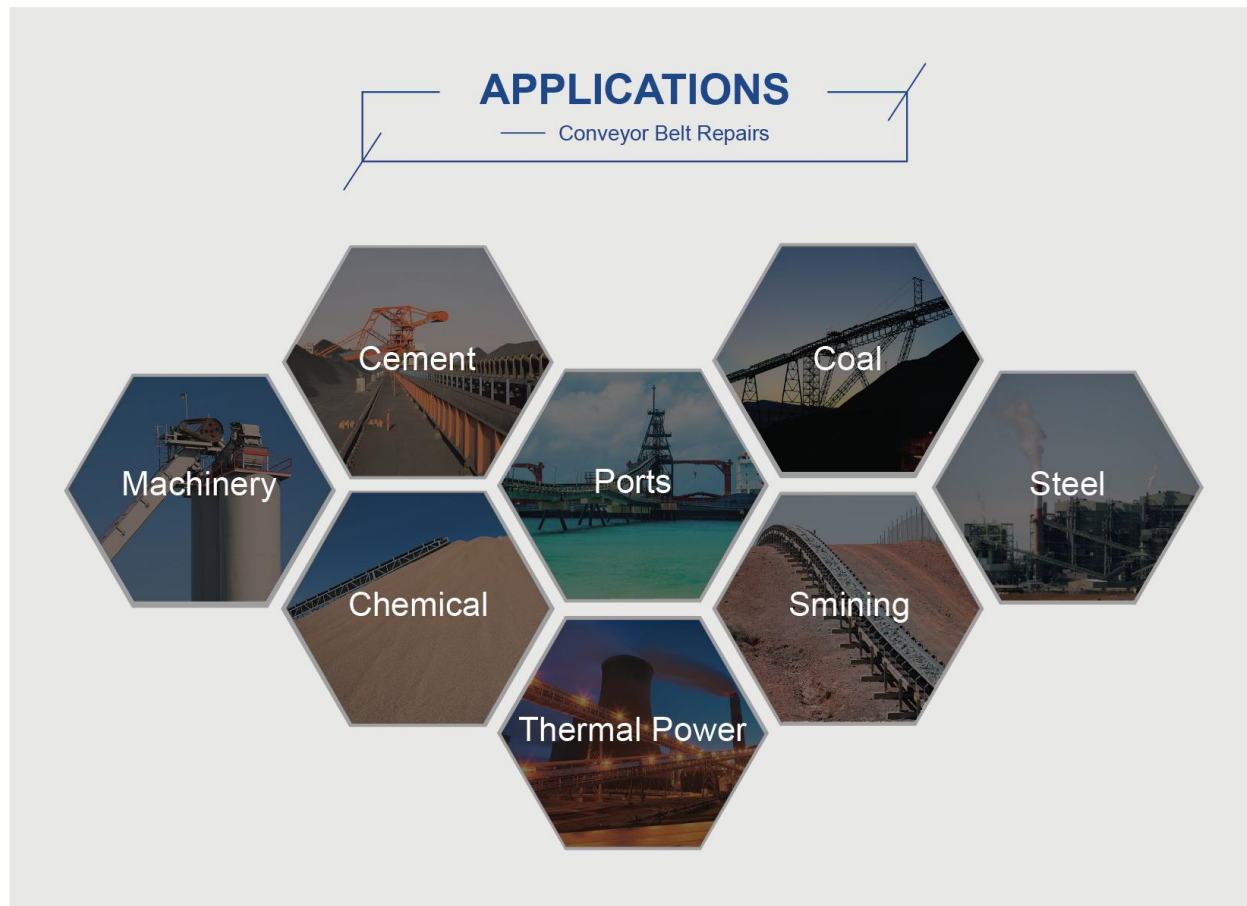
### Items

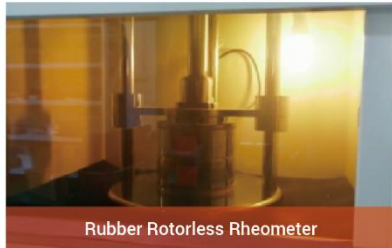
### Data

Tensile Strength (Mpa)	≥14
Break Extension(%)	≥350
Shore Hardness(degree)	55~65
Break Permanent Deformation(%)	≤24
Rubber and ceramic adhesion force (Mpa)	≥3.0
Temperature Resistance(°C)	≤100

Sizes (mm)	Length/Width (mm)	Ceramic Thickness (mm)	Rubber Thickness (mm)	Rubber Thickness (mm)
250×250×15	250/250	5	5	5
300×300×16	300/300	8	4	4
500×500×25	500/500	15	4	6
500×600×30	500/600	20	6	4
600×300×35	600/300	25	6	4
400×500×38	400/500	25	7	6
300×400×50	300/400	30	12	8
300×300×63	300/300	50	7	6
300×400×130	300/400	100	18	12

Further dimensions on demand.





Rubber Rotorless Rheometer



Ceramic block strength test



Rubber abrasion test



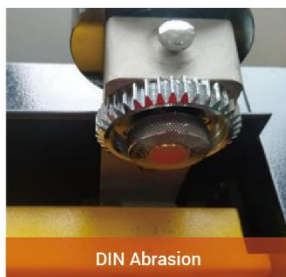
Tensile Strength



Vulcanizing Press Machine



Rubber mixing machine



DIN Abrasion



Rubber Fatigue Crack Tester



Tensile Strength



Rubber mixing machine



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Always earning a good belt or conveyor equipment repair solution for you!

**BAI - OTT**

