



Heat Resistant Conveyor Belt

耐热输送带

> > Features 特点

After special immersion and shaping treatment, the core of this product has the characteristics of high adhesive strength, strong heat shock resistance, and easy cleaning. Under normal service conditions below 180 °C, it has small elongation deformation and excellent wear performance. It is specially designed for high temperature to ensure stable strength, aging resistance and cracking resistance under high temperature, and significantly extend service life

该产品带芯经过特殊浸渍定型处理后，粘合强度高，抗热冲击性能强，易清洁性的特点。在180℃以下正常使用条件下，伸长变形小，磨损性能优异，专为高温设计，确保高温下强度稳定、抗老化开裂，显著延长使用寿命。

> > Applications 用途

Primarily used for conveying high-temperature materials such as sintered ore, hot coke, cement clinker, hot castings, etc. The belt core of this product undergoes special impregnation and shaping treatment, resulting in high bonding strength. Under normal operating conditions below 180°C, it exhibits minimal elongation deformation and excellent wear resistance. It can withstand temperatures up to 250°C for short periods. Suitable for industrial applications in cement production, coking, metallurgy, steelmaking, and related fields

主要用于输送高温物料，如烧结矿、热焦炭水泥熟料、热铸件等。该产品带芯经过特殊浸渍定型处理后，粘合强度高，在180℃以下正常使用条件下，伸长变形小，磨损性能优异。在短时间内可承受250℃高温。适用于水泥、焦化、冶金、钢铁等



耐热带覆盖层的物理机械性能应符合下表规定：

The physical and mechanical properties of the tropical cover layer should comply with the following table:

T1: 有耐热要求，物料温度不很高的场合使用，不适用用于粉状物料

T2: 用于有耐磨要求切温度适宜的场所，或用于温度不很高的粉状物料

T3: 用于温度较高，耐磨性要求较高的场合，如烧结成品，水泥熟料等

T4: 用于温度较高，耐磨性要求较高的场合，如烧结成品，水泥熟料等

项目 Item		类别Class			
		T1	T2	T3	T4
		试验温度Test temperature			
		≤100℃	≤125℃	≤150℃	≤175℃
		允许变化范围Change range allowed			
硬度 Hardness	老化后与老化前只差 Difference before and after aging(IRHD)	20	20	±20	±20
	老化后的最大值 Maximum value after aging(IRHD)	85	85	85	85
拉伸强度 Tensile Strength	性能变化率 Change rate of property/%	-25	-30	-40	-40
	老化后最低值 Minimum value after aging/MPa	12	10	5	5
拉断伸长率Breaking Elongation	老化后变化率 Change rate after aging/%	-50	-50	-55	-55
	老化后最低值 Minimum value after aging/%	200	200	180	180

注：
T1:可耐度不大于100℃试验温度

T2:可耐度不大于125℃试验温度

T3:可耐度不大于150℃试验温度

T4:可耐度不大于175℃试验温度

Note:
1type:Can withstand temperatures not exceeding 100°C Test temperature

2type:Can withstand temperatures not exceeding 125°C Test temperature

3type:Can withstand temperatures not exceeding 150°C Test temperature

4type:Can withstand temperatures not exceeding 175°C Test temperature

T1: Cotton canvas conveyor belts could be applied in situations with heat resistance requests but not with high temperature materials. They can't be used to transport powder-like materials.

T2: They can be used in situations with wearing resistance requests and moderate temperature or used to transport powder-like materials with moderate temperature.

T3: They can be used in situations of high temperature and with requests for high wearing resistance,such as sinter and cement clinker.

T4: They can be used in situations of high temperature and with requests for high wearing resistance,such as sinter and cement clinker.