

输送带增强用骨架材料 Fleximat® for conveyor belt reinforcement

IW

Benefits

- ① 长距离的电梯传送带
Long lasting belts
- ② 抵抗剪切、高温和撞击的传送带
Cut-heat-impact resistant belts
- ③ 在凸轮和尖角处表现良好
Good for crowned pulleys and sharp curves

什么是 Fleximat® Impact Weft (IW)? What is Fleximat® Impact Weft (IW)?

Fleximat® IW 是传送带加强的一种金属骨架材料。它是经纬两个方向都使用贝卡爾特的钢帘线编织成的网。

Fleximat® IW is a metallic carcass for conveyor belt reinforcement. It weaves Bekaert steel cords in longitudinal and transversal directions into one integrated woven steel cord fabric.

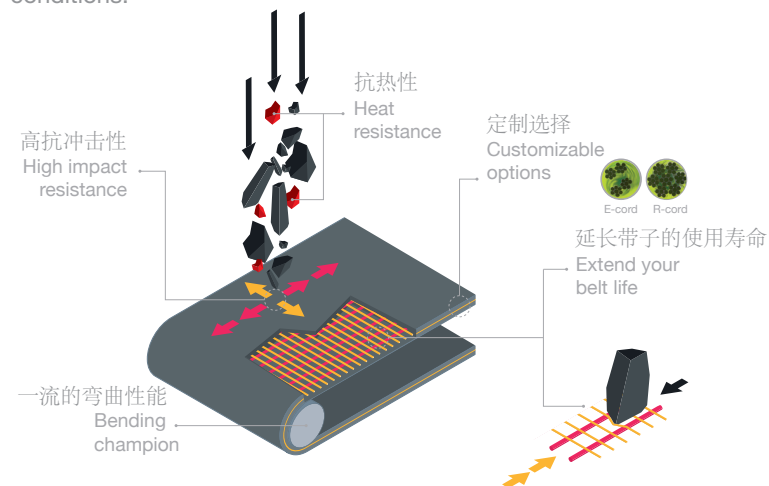
Fleximat® IW 是重载传送带骨架材料的一部分。如果你想抵御野蛮的冲击、剧烈的切割或者需要很高的柔韧性，Fleximat® 能够帮助你。

Fleximat® IW is part of a family of proven steel carcasses for heavy duty conveyor belts. If you contend with brutal impacts, severe cuts, or need high flexibility, Fleximat® can help.

长距离持久耐用 Long lasting and highly durable

Fleximat® IW 网对于采石场、钢厂、废物回收和矿场是一个很好的选择。在重载的情况下，帮助提升传送带的表现。

Fleximat® IW fabrics are an excellent choice in quarrying, steel works, waste recycling, and mining. They help exceed a conveyor's performance requirements in heavy duty conditions.



为什么选择贝卡爾特? Why choose Bekaert?

钢丝变形与镀膜领域的专家
The wire drawing and coating specialist

贝卡爾特所拥有高度专业的灵活性、历史经验以及工艺技术能为您生产各种规格、成分或机械性能的钢丝产品。贝卡爾特总部位于比利时，拥有130多年的钢丝产品制造经验，客户遍及120多个国家。

Bekaert has the flexibility, the historical background, and the technical skills to create any steel wire no matter what shape, composition or mechanical characteristic. We have been producing continuously for over 130 years and are available in over 120 countries.

设计满足最为苛刻的环境 Designed for the most demanding environments

能源和公共事业领域需要安全可靠的产品以确保在苛刻的环境中仍然能够表现优异。贝卡爾特的产品适用于各种海上/陆上应用，天然气、采矿、输电、采油和通信，并确保安全、可持续和具成本效益的运营。

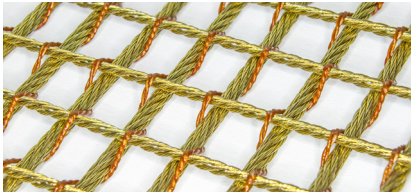
The energy and utilities sector needs safe, reliable products that perform well under highly demanding circumstances. Our products can be used in offshore/onshore applications, gas, mining, power transmission, oil extraction, or even telecommunications. Our products are key contributors to sustainable, safer and more cost-effective operations.

坚固的设计 Engineered to be tough

4个参数保证了Fleximat® 足够坚固来应对高要求的环境。
Four characteristics make Fleximat® tough enough for demanding conditions.

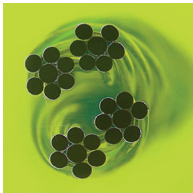
1. 独一无二的编织技术 Unique weaving technology

用纺织的梭子将钢帘线同浸有粘合剂的绒线结合在一起，这保证了在操作过程中，钢帘线不会被相互损坏。
Steel cords are combined with RFL dipped binder yarn through a leno weaving pattern. This ensures that cables do not damage each other during operation.

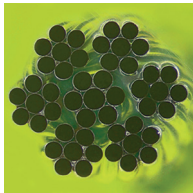


2. 延伸帘线 E-cords

E-cords 是延伸帘线（贝卡尔特创造）的缩写，它比传统的钢帘线有更好的橡胶渗透性。
Elongation cords, in short: "E-cords" (created by Bekaert) give the fabric a rubberized flexibility far greater than conventional steel cord belts.



E-cord



R-cord

广泛的选择提供了最大的设计自由
A wide range for maximal design freedom

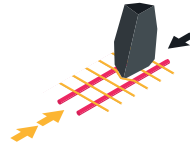
现有的纺织压延机能够很容易的对Fleximat®IW 进行加工，并可以发运到离你最近的传送带生产商。
Fleximat® can be easily processed on existing textile calenders and is ready to be shipped to a conveyor belt maker near you.

动态强度拼接 Splice with dynamic strength

Fleximat® 传送带能够进行多种组合的拼接。我们的插入式剥光机能够帮助保留很好的动态强度。
Fleximat® belts can be spliced in a variety of configurations, finger splice being the most common.
Our insertion strips help you retain superior dynamic strength.

3. 整合的防撕设计 Integrated steel breaker functionality

纬向帘线将冲击力平均分布，有效防止了裂口和划伤。
The integrated transversal cords allow for a smooth distribution of impact forces, and offer embedded protection against rips and cuts.



4. 初始粘合和防腐蚀 Premier adhesion and corrosion protection

就像轮胎中的钢帘线，Fleximat® 钢帘线表面也镀有黄铜，提供了优秀的橡胶粘合力并防止腐蚀。开放的帘线结构帮助橡胶渗透到帘线的中心。
Just like steel cords for tire reinforcement, Fleximat®'s steel cords are brass coated for excellent rubber adhesion and corrosion protection. The open cord construction helps the rubber penetrate deep into the heart of the cord.



联系我们 Contact us

更多信息
More information?

贝卡尔特管理（上海）有限公司
上海市大渡河路168弄31号
Waterfront Place E栋17楼
电话 +86 21 2219 7000
传真 +86 21 2219 7399
www.bekaert.com.cn

修订版

本数据表仅描述了产品的通用性能。当您在下单或设计时请依据正式的产品规格书。除非有另外的申明，本文件中的所有商标都是由NV Bekaert SA 或它的子公司所注册的商标。

© Bekaert 2016

Modifications reserved

All details describe our products in general form only. For ordering and design only use official specifications and documents. Unless otherwise indicated, all trademarks mentioned in this brochure are registered trademarks of NV Bekaert SA or its subsidiaries. © Bekaert 2016