Two New Siegling Extremultus Power Transmission Belts Enable Perfect Grip of Electronic Components

两种新型西格林易传动传动带对电子元器件具有优异的握持力

[lead]

Hanover, Germany, July 12, 2022 – Exact positioning of electronic components

德国汉诺威，2022年7月12日 – 电子元器件的精确定位

[Body]

Forbo Movement Systems has two new Extremultus belt types, UR 8E-12 HC+ FSTR green/gray (art. no. 822173) and UR 8E-15 HC+ FSTR/NSTR green/gray (art. no. 822174). Both belts were developed for the electronics industry and are additions to the existing Flash StarTM product range. The new belt types are used in the production of photovoltaic module semiconductors and in the assembly of printed circuit boards. The exceptional grip of the special R-coatings (Medium Grip and High Grip) on the top face ensures perfect conveying of the electronic components so that these can be positioned precisely during the production process. The robust polyurethane coating on the underside decreases wear and tear and extends the life of the material at the same time. The coating on both sides protects the fabric to prevent any contamination of the sensitive products from pieces of fiber.

福尔波传送系统推出了两种新型易传动带型，UR 8E-12 HC+ FSTR green/grey （件号822173） 和 UR 8E-15 HC+ FSTR/NSTR green/grey （件号822174），这两种皮带是专为电子行业开发的，丰富了现有Flash StarTM的产品范围，用于光伏模组半导体生产和印制线路板装配。皮带上表面特殊的R涂层（中等握持力和高握持力）具有优异的握持力，确保电子元器件的完美输送，使其能够在生产过程中精确定位。皮带底面强健的聚氨酯涂层降低了磨损，同时延长了皮带的使用寿命。两面的涂层对织物有保护作用，防止织物纤维对敏感产品的污染。

The Highly Conductive Plus (HC+) belt stands apart for its conductivity in all 3 directions (even through the belt). As a result, dissipation of the charge is improved and ESD-compliant production is made easier so that the electronic components aren’t damaged. Thanks to the tension member made of highly flexible polyester fabric in both new belts, even very narrow belts can be subjected to heavy loads. Due to a simple splicing method without any adhesive, the belts can also be spliced to the same thickness on the machinery.

HC+（高导电加）皮带因其在3个方向上（均匀通过皮带）均可导电而卓尔不凡，因此电荷的耗散得以改善，ESD-符合的生产工艺更易实现，使得电子元器件不被损坏。这两种新带型的强力层由高柔韧的聚酯织物制造，即使很窄的皮带也能够承受重负载。由于接驳方法简易不用胶水，皮带也可以在机器上接驳并达到同样的厚度。

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