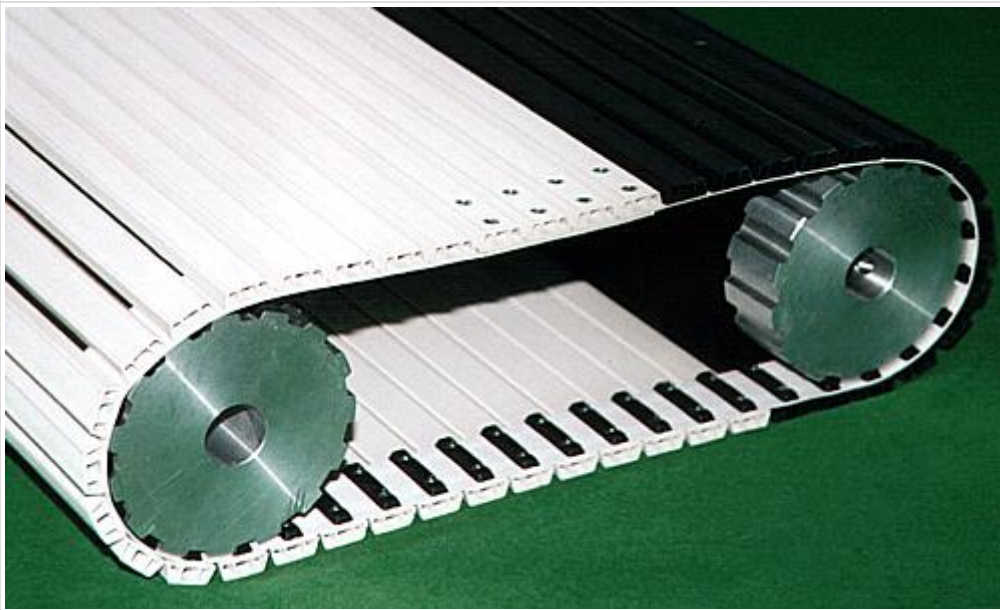


Machine Ref: A1-GEK113
Description: Lattice PKU2410
Manufacturer: German

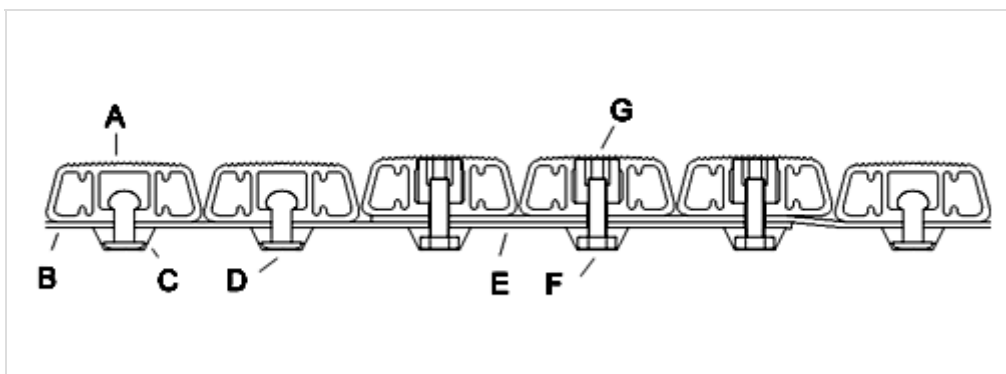
Lattice PKU2410

General



The new PVC profile PKU2410 has been specially designed for lattice conveyor belts used as toothed belts. The special lattice and belt construction is suitable for all requirements in modern fibre-material production. The ribbed profile can be made with cross-ribbing to ensure a high guarantee against non-woven slipping. Even though it has good traction - no fibres get stuck in the surface. This can only be accomplished by continuous quality control and manufacture of the laths in our own works. Using toothed belts in combination with toothed gearwheels makes it possible to accommodate a geared drive. This ensures axially parallel run of the lattice.

Advantages



- Geared drive
- Stable lath
- Lath ribbing of very high quality

- Problem-free installation of the belt through overlapping connections
- Permanent mounting of the lath
- Quality workmanship
- Replacement of defective laths and teeth is possible
- Low price

Description

A very durable and easy to maintain lattice belt has been made using this system. This has been achieved by the following details:

- The PVC lath PKU2410 (sketch: A) with the cross section 24 x 10 mm is made of impact resistant PVC and offers high stability. The lath can be manufactured in black or beige. Different colours may be necessary in order to recognize flaws in the non-wovens more easily.
- The surface of the lath can be made with cross ribbing in addition to the standard lengthwise ribbing. This is made in a manner that allows no fibres to stick to the lath surface. The surface can be varied if so desired.
- The toothed belts (B) consist of a 42 mm wide, high tensile strength polyester belt with special fibre inserts. The 3.5 mm high and 42 mm wide polyamide teeth ensure adequate hold in a toothed gearwheel or a chain wheel. The tooth pitch, i.e., the distance from tooth centre to tooth centre, equals 25.4 mm.
- Mounting of laths is accomplished using expansion rivets (D). This permanent connection assures that no laths become loose during operation. Damaged laths or teeth can be replaced using common tools.
- The endless connection in the machine is an overlapping junction of the belts (E) over 3 laths and is made by nonpositive screw connection (F, G). These laths are fastened from the top side. The upper side remains smooth due to special bolts (G).
- The polyamide caps close the lattice on the front side and serve as tarnishing protectors as well as in combination with a covering for the machine as seals.
- No insertion of intermediary straps.