

uni QNB

Plastic Modular Belts for Corrugated Board Industry



Traditional product removal methods via forklift trucks are no longer the economic option for the modern corrugated board plant, investment in an integrated intelligent handling system incorporating plastic modular belts has become the new standard for the corrugated industry.

uni QNB plastic modular belt for corrugated stack handling system.

This high capacity 1.0 inch pitch belt is the optimum solution for all corrugated transportation applications from your corrugated down-stacker take away to the end of your process.

Customer benefits

- Clean hygienic mark free handling
- No waste of bottom corrugated sheets
- Remove use of slip sheets
- Safe stable transportation of sheets
- No sheet creep in corrugated stacks
- Increase safety for personnel crossing lines
- Long service life and little maintenance
- Low cost of ownership

uni QNB – for corrugated stack handling systems

Main features

- One universal belt type suitable for all corrugated stack handling applications.
- uni QNB belts for corrugated industry are manufactured in Super Low Friction Polymer for highest belt strength and lowest friction.
- Much longer wear life and higher strength than Polypropylene Belts.
- Totally flat, smooth, clean top surface designed for transportation of all corrugated qualities.
- Positively driven by sprockets, no pre-tension needed to maintain belt drive.
- Chamfered edges for corrugated side shift applications.
- No belt tracking issues. Transport of off-conveyor-centre product stacks possible.
- Virtual maintenance free operation.

Product information

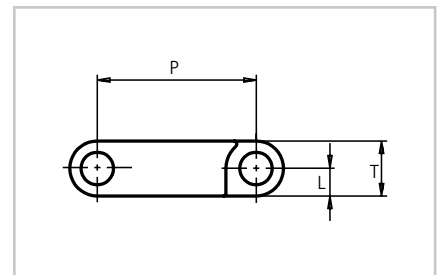
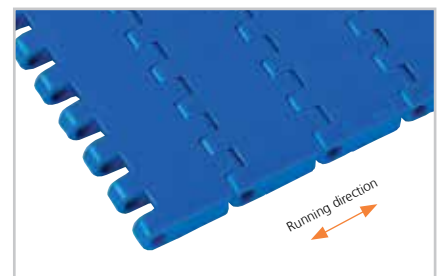
Belt working load capacity:
35.000 N/m

Standard link widths:
76 mm and 152 mm.
Brick laid assembled belt widths:
See table below.

Link material:
POM-Polyoxymethylen-SLF grade.
Super Low Friction grade POM material.
Higher load capacity and wear resistance than PP belts.
Standard colour: Blue links
Safety markings: Yellow links

Pins:
Wear resistant pins are standard. All pins incorporate automatic pin-lock system. No special tools are needed for assembly and disassembly.
Pin material: PA66
Pin colour: Red

-  Straight running
-  25.4 mm (1.00 in)
-  ø5 mm (0.19 in)
-  40 mm (1.57 in)



Dimensions:
L: 4.4 mm (0.17 in)
T: 8.8 mm (0.35 in)
P: 25.4 mm (1.00 in)

Bricklaid Belt Widths

mm	in.	mm	in.
39	1.5	382	15.0
51	2.0	458	18.0
77	3.0	534	21.0
153	6.0	610	24.0
229	9.0	687	27.0
305	12.0	763	30.0

Additional **standard** belt widths are available in steps of 76.3 mm (3.00 in).

Additional **non-standard** belt widths are available in steps of 25.4 mm (1.00 in).

Belt materials used can be re-cycled

On above belt width values, the belt width tolerance on standard materials is +0/-0.4% at 23°C/73°F.



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