6.3. Covers series CPTA in steel

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The covers shown in this catalogue are the result of many years' experience and cooperation with engineering companies and constructors specialising in belt conveyor design.

Why cover belt conveyors?

To protect the conveyed material.

To protect the environment:
- against dust
- against noise
- and for a better integration in the landscape.

For the operators' safety.

For the protection of the belt:
- against the sun and bad weather
- and for a longer life.

For the protection of the materials:
- with reduction of maintenance to the structures
- to avoid loss of materials and productivity due to wind
- to avoid deposits of rain water on the belt
- to assure the efficiency of the industrial constructions linked to the belt.

Material:
- galvanised steel for construction according to EURONORM EN 10 147 of 1996
- class S 220 GD + Z 1.0241

-Z35 Standard covering:
Z 350 hot galvanisation on both sides 12.5 µm each side.

Covering options according to the environmental conditions and the conveyed materials:
Z45: Z=450 hot galvanisation, 16.0 µ each side
Z60: Z=600 hot galvanisation, 21.5 µ each side

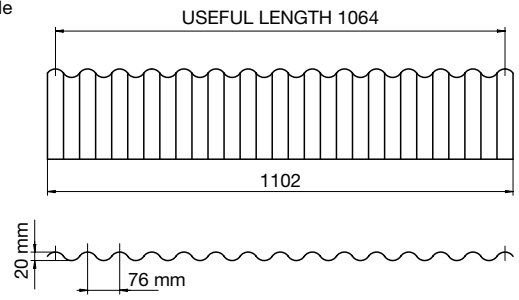
Other types of covering:
PPE: Pre-Painting on galvanised steel Z 225 polyester 25 µm
PVD: PVDF 35 µm polyvinyl thermoplastic resin
SOL: Solifarm 25/35 µm soft polyester resin
PVL: Plastisol 100 µm thermoplastic resin of polyvinyl chloride

Other materials on request:
ALZ: aluzinc AZ 185
AL: aluminium
I04: stainless steel AISI 304
I16: stainless steel AISI 316

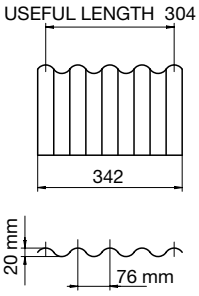
Characteristics
Produced from galvanised sheet steel corrugated section 18/76 for all belt conveyors but normally used for belt widths of 400 mm upwards.

Length:

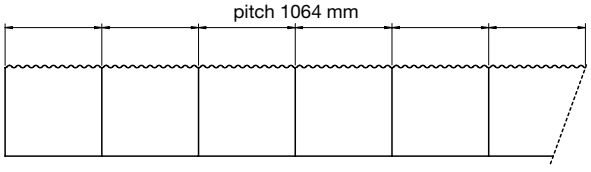
Standard module



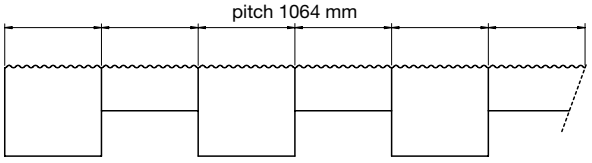
Intermediate module



Standard lay-out



Standard lay-out (with alternate covers 180° - 135°)



Lay-out with intermediate module at 180° and covers at 135°
(allowing a better view of the belt)