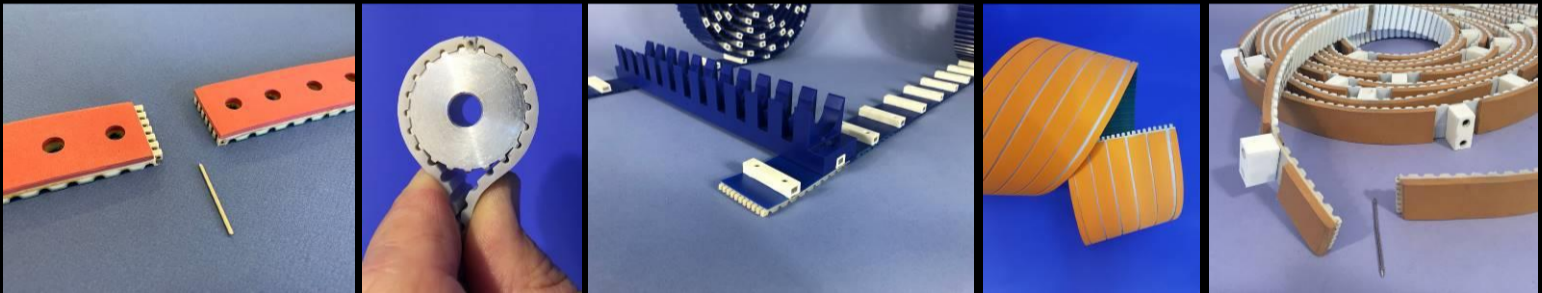
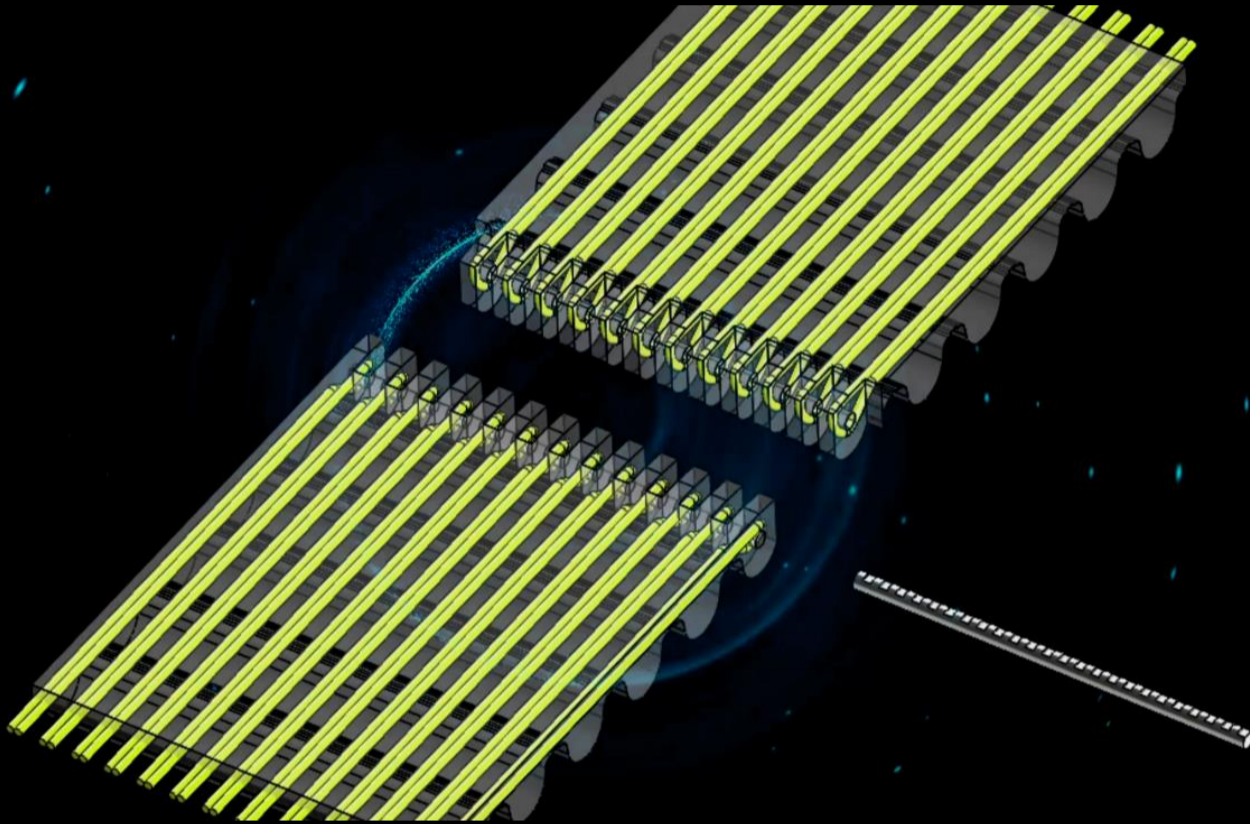


ERO Joint® HP Zylon®

Fast assembly
As strong as a welded joint



Since the first patent in 2014 we have continuously improved ERO Joint® HP.

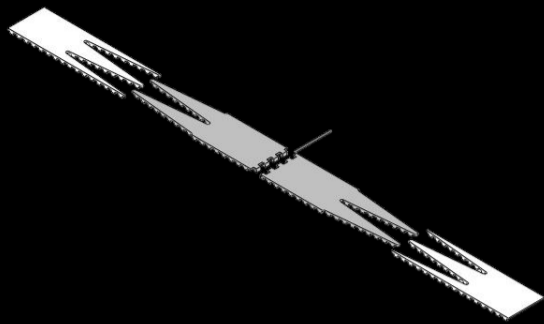
We have created new versions: with polyamide textile, with antistatic textile, with integrated guide, high back, as well as a version for the food industry.

And we have also created tooling to facilitate assembly.

For this new version, we have again optimized the axes, we have modified the shape of the assembly teeth, we have optimized the whole manufacturing process to gain in quality and above all we have replaced the original cables by Zylon® (the most performing polymer fiber in traction and bending).

ERO Joint® HP Zylon® is even better, easier to install and more attractive.

Fast assembly, as strong as a welded joint



ERO Joint® HP is a patented mechanical splicing solution for polyurethane belts. A hinge pin with a single stainless steel pin is used to close the belt.

ERO Joint® HP is produced in 150 to 300 mm wide plates, cut to width then welded to the base belt.

The belts are available with steel, aramid, HF or stainless steel cords, with all types of coating, machining and guiding systems.

The allowable tensile force and lifetime are similar to welded belts.

We can offer the production of finished belts as well as the supply of plates that can be welded to polyurethane belts of any brand (with the same fusion parameters as the belts).

Operating Data

Manufacturing standard: Polyurethane 90 shore A light grey
 Cables: A polymer cable wrapped around the pin in each tooth
 Belts width: All widths from 6 to 1800mm

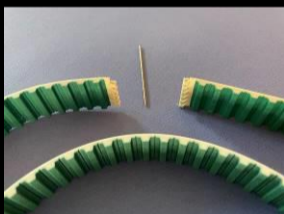
Learn more:



Pitch	8M	T10	AT10	H	XH	14M	T20	AT20	AT5	T5
Version	Zylon	Zylon	Zylon	Zylon	Zylon	v1	v1	Zylon	Zylon	Zylon
Ø min. pulley (mm)	51	44	47	56	128	124	95	115	23	16
Ø mini pulley (tooth)	20	14	15	14	18	28	15	18	15	10
Ø mini back bend (mm)	120	80	120	79	149	200	120	180	60	30
Allowable tension force ERO Joint® HP (N/25mm)	2213	1202	2213	1202	2592	1900	1900	3456	970	687
Allowable tension force on Gates welded belts, aramid and steel cord (N/25mm)	1313	798	1313	810	1334	1136	1313	1313	908	687
Maximum width of the plates (except food) (mm)	300	300	300	300	203	150	150	300	300	300

Alternatives

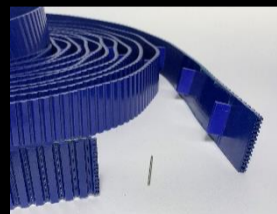
NB and/or NT
(except for T5)



Antistatic
(antistatic fabric)



Food contact
EC & FDA compliant



Integrated guides
(AT10V)



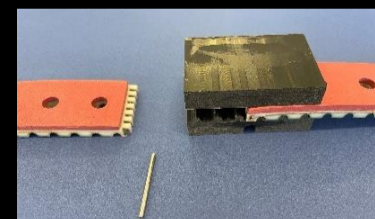
High back



Assembly videos



Tools for assembly & tensioning



For more information about ERO Joint® HP and other ERO Joint® solutions, visit www.ero-joint.com