

siegling
belting

CONVEYOR AND TIMING BELTS FOR **DRAG BAND CONVEYORS**



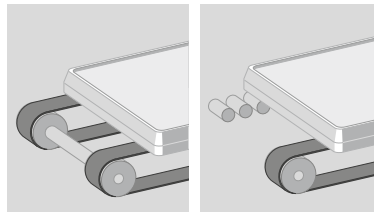
siegling extremultus

flat belts

Siegling Extremultus types with HC or HC+ finish

- are special developments with minimal electrostatic build-up for precise handling e.g. of electronic components and paper
- are resistant to wear and tear (for long service lives and low fitting costs)

TT-types have little drag on the top face and underside (for low power requirements and operating costs, well suited to accumulated conveying)



Part of the product range		Thickness approx. [mm]	Weight approx. [kg/m ²]	d _{min} approx. [mm]	Operating temperature [°C]	Available widths [mm]	Splice
TT 5/1-6431-HC black	906431	1.2	1.2	30	-20/+80	510	K
TT 10/1-6378-HC black	906378	1.8	1.8	60	-20/+80	510	K
TT 10/1-5616-HC black	855616	1.8	1.8	60	-20/+80	510	K
TT 14/2-6432-HC black	906432	2.3	2.4	120	-20/+80	510	K
TT 15E-18-HC black	822146	1.8	1.7	30	-20/+70	500	Z/K
TT 10P-18 FBRC	855617	1.8	1.8	60	-20/+80	510	K

Splice	Preparation tools	Heating tools
Wedge splice (K)	PG-GM ... (grinding)	SB-HP ...
Z-splice (Z)	PP-ZP ... (punching)	SM-HP ..., SM(X)-HC ...

They are available as:

- endless belts
- prepared belts for heated splicing on site
- rolls for customers to finish themselves

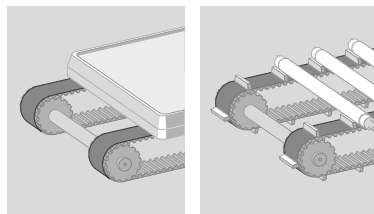
	HC	HC+
electrical surface resistance	< 3 x 10 ⁸ Ω	< 3 x 10 ⁸ Ω
electrical volume resistance	–	< 1 x 10 ⁹ Ω

siegling proposition

timing belts

Siegling Proposition timing belts

- have form-fit power transmission and a tension member of steel strands (for exact positioning in interval conveying too)
- are resistant to wear and tear (for long service lives and low fitting costs)
- are flexible longitudinally (for small drum diameters and compact machinery)
- have little drag on the top face and underside (for low power requirements and operating costs). Accumulation conveying is possible with a PAR (polyamide fabric) coating on the top face.



Part of the product range		Thickness approx. [mm]	Weight approx. [g/m] (depends on width supplied)	Pitch [mm]	Minimum no. of teeth per pulley	Operating temperature [°C]	Available widths [mm]
T5		2.2	24–120	5	14	-5/+80	10–50
T5 PAZ/PAR		2.2	24–120	5	14	-5/+80	10–50
T5 PAZ		2.2	24–120	5	14	-5/+80	10–50

PAZ = polyamide fabric on the toothed face, PAR = polyamide fabric on the reverse face of the teeth

Equipment for heating endless	
for belt widths to 60 mm	SMX-HP 6/15 PP
for belt widths to 115 mm	SMX-HP 120/150 PP

The widths available have been coordinated with the standard product range for timing belt pulleys.

Further designs on request or see Siegling Proposition timing belts (ref. no. 245).

They are available as:

- endless belts
- rolls for open linear drives
- prepared for heating endless
- with profiles on the back of the teeth
- with special coatings

Please note: the values stated are nominal and can fluctuate in a belt whose width is a result of production processes. Our products are constantly adapted to market requirements. Consequently, changes in technical parameters can occasionally occur. **Therefore, please see the current product data sheets for specific information on designs and calculations.**