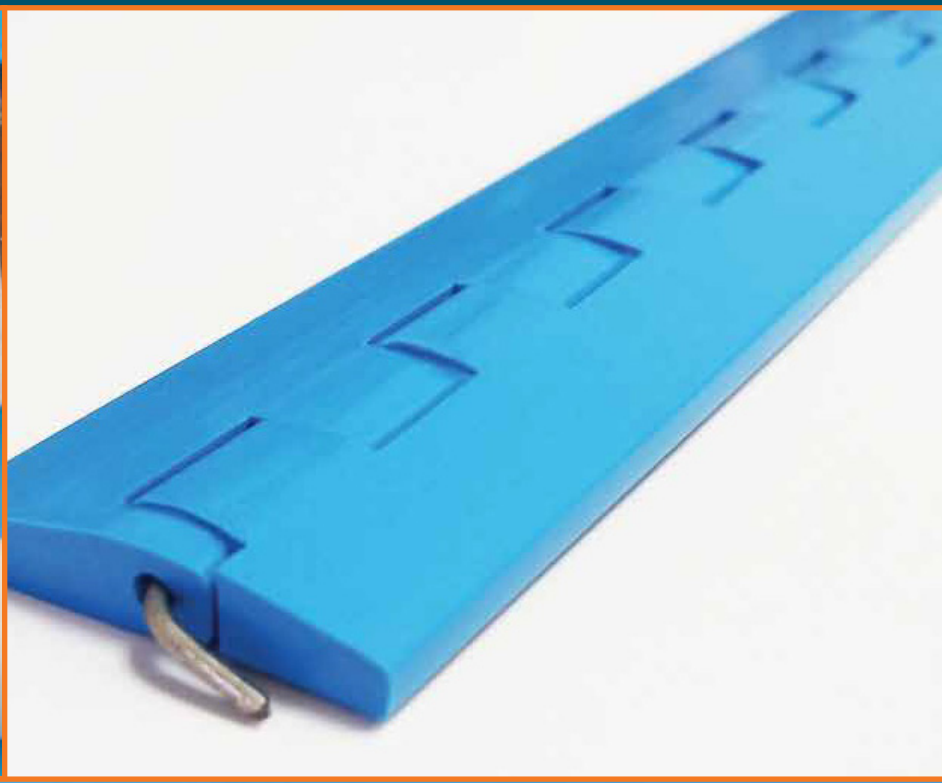
ELLEGAARD.



VOLTA

Special Hinge Lace

FOOD

ELLEGAARD.

Hinge lace

Volta Hinge Lace is a system allowing for easy fitting and removing of a Volta belt where circumstances are such as to make the use of a Volta welding tool impractical or irrelevant. The straight edges of two castellated lengths are welded to the belt ends and the lengths are engaged and joined by means of a nylon coated stainless steel pin. Frequent opening of the belt is not advised but if essential, pins should be replaced frequently. Volta Hinge Lace will not detach from the belt edge but the available pull force and thus the maximum weight that can be carried may be lower than with an endlessly welded belt.
Volta belts have superior hygienic qualities and can be cleaned on the conveyor - opening and closing on a regular basis is not advised.

Easy Open-Close Technique

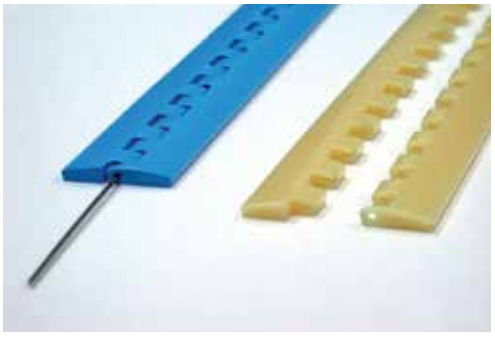
The hinge pin is bent at the ends and can be removed by straightening these crimps. A new pin should be inserted and crimped in the same fashion.

Easily Installed

Volta can ship belts equipped with Volta Hinge Lace and a Nylo-Steel hinge pin made to precise lengths. Care should be taken when stating the belt length as the welded hinge cannot be refitted with ease. Alternatively, lace lengths can be ordered as a separate product and welded to the Volta belt using the FBW Welding Tool. For welding/splicing instructions and further technical information, please contact your local Volta distributor.

Ensure that the conveyor pulleys fully support at least 80% of the surface when using lace. Hinge Lace is only compatible with Volta 'M' and 'L' Family Flat Belts and with belts of a thickness between 3mm and 5 mm inclusive.

Hinge Lace Welded to Belt



Hinge Lace Set: Lace, Metal and Polyester Hinge Pins

	Volta LMW-U	Volta LMB-U
Description	Flat toothed strip	Flat toothed strip
Material	Volta MW, beige	Volta MB, blue
Hardness	95A	95A
Working Temp Range	-20°C to 60°C / -5°F to 140°F	-20°C to 60°C / -5°F to 140°F
Dimensions	5 x 16 mm - 0.2 in x 0.63 in	5 x 16 mm - 0.2 in x 0.63 in
Max Length	3.05m - 10ft.	3.05m - 10ft.
Max Pull Force	3 kg/cm - 16.8 lb/in	3 kg/cm - 16.8 lb/in
Minimum pulley Normal flex	80 mm/ 31/8''	80 mm/ 31/8''
Minimum pulley Back flex	100 mm/ 4''	100 mm/ 4''
Hinge Pin	Nylo-Steel: 1.65/0.0.65", FDA approved	

Roskilde Stærkendevej 43 • 4000 Roskilde
Viborg Vennershåbvej 4 • 8800 Viborg
Børkop Industrivej 38 • 7080 Børkop