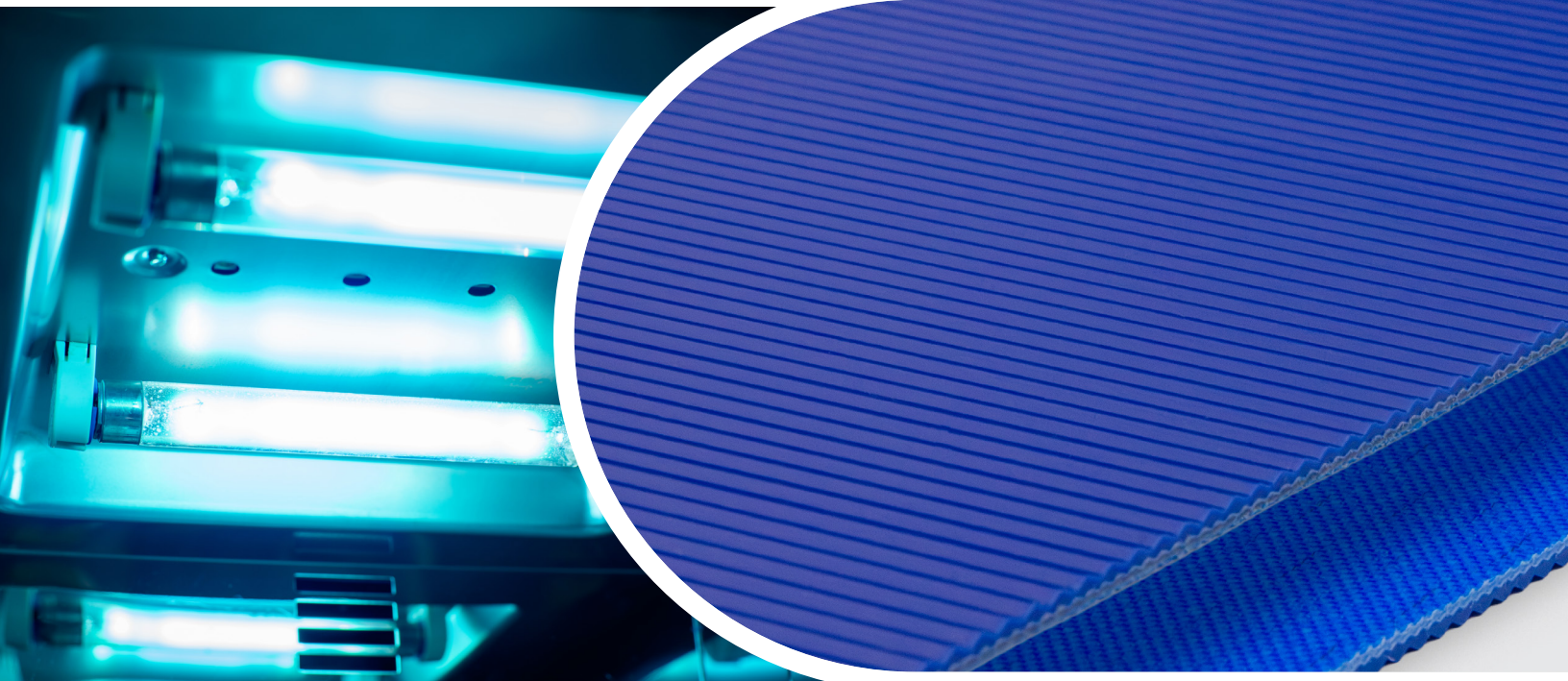


FAS-8EICT-U1 Food Belt

Built for UV-C exposure and reliable food conveying



For stringent hygiene-sensitive applications, processors go beyond typical cleaning methods. They may rely on UV-C systems to further reduce microorganisms on exposed surfaces. However, repeated exposure to this ultraviolet radiation accelerates aging in untreated belts, leading to discoloration, cracking, and premature failure.

The new FAS-8EICT-U1 is designed for applications that use UV-C disinfection. It combines the proven performance of Habasit TPU food belts with added UV-C resistance.

Its hydrolysis-resistant TPU construction delivers

dependable performance in humid applications, while its UV-C resistance helps maintain belt-surface integrity through repeated exposure. The high-grip sawtooth surface also provides reliable product control on incline and decline conveyors.

Key Benefits

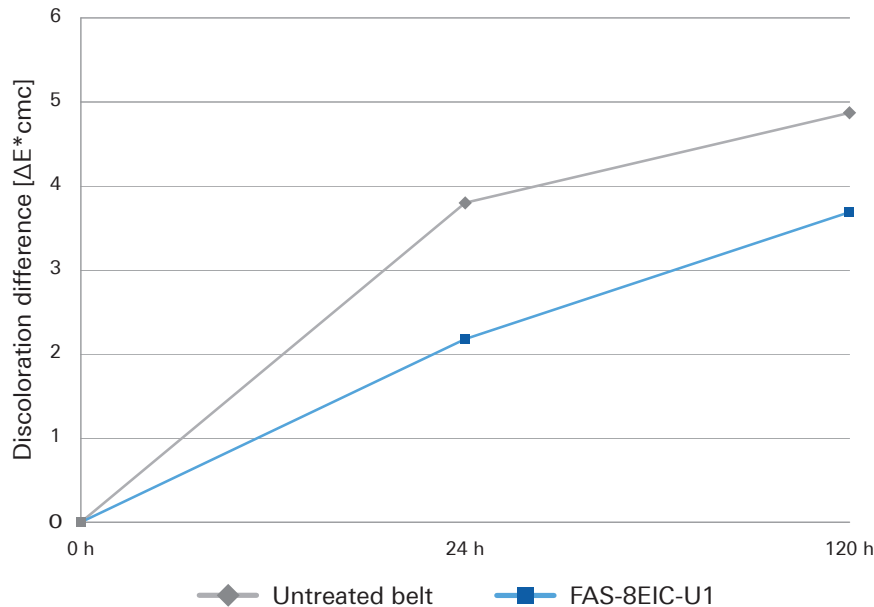
- Up to **five times longer life** under UV-C exposure vs. untreated belt
- Reliable product control on incline and decline conveyors
- Dependable performance thanks to abrasion and hydrolysis resistance
- Tight transfers with 25 mm pulley diameter

FAS-8EICT-U1 Food Belt

Built for UV-C Exposure

In lab tests, our UV-C-resistant belts lasted five times longer than the untreated belt before showing signs of aging (discoloration). This added resistance can extend service life and reduce belt replacements on UV-C-equipped lines.

Aging Impact of UV-C Radiation



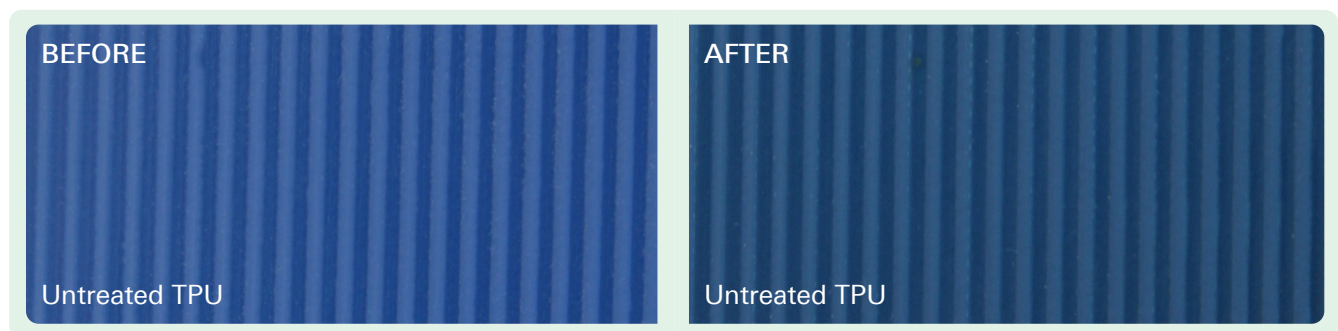
Surface Degradation (material integrity)

- No impact on treated belt surface after 24 h permanent radiation
- This represents e.g. for a short belt of 2 m length: 140 working days use possible

Test Conditions Used Represent Application

- Two shift operation 16 hours/day and 5 days/week
- Length of the belt $L = 2,000$ mm
- Exposure intensity $E = 10$ mW/cm²
- Temperature $t < 25$ °C

Results may vary depending on application conditions and the UV-C system used.



Technical Data

Product Code	Conveying side			Pulley side surface			Max seamless width	Pulley diameter (min.)
	Material	Color	Surface	Material	Color	Surface		
FAS-8EICT-U1	TPU	Cobalt blue	Sawtooth	PET	Cobalt blue	Impregnated fabric	2,000 mm (78.74")	25 mm (0.98")



Scan for Product Data Sheet

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