

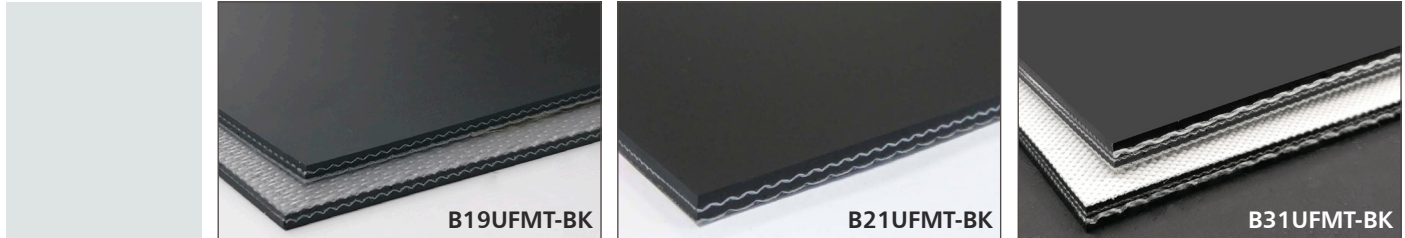
Belts for optical sorting

esbelt.com

PRODUCT PRESENTATION

BREDA 19UFMT-BK, BREDA 21UFMT-BK & BREDA 31UFMT-BK

Developed for optical sorters in waste management of the **recycling** industry. These belts are made up of high mechanical performance fabrics which are protected by top quality thermoplastic polyurethane cover.



Total thickness	2,50 mm	4,00 mm	6,00 mm
Bottom cover	Matt	Matt	Matt
No. of plies	2	2	3
Min. pulley ø	80 mm	100 mm	230 mm
Working load at 1% elong.	17 N/mm	12 N/mm	32 N/mm
Max. belt width	3000 mm	3000 mm	3000 mm

Benefits and advantages compared to conventional rubber belts

High abrasion resistance

Top cover with excellent resistance to abrasion and cuts, animal and vegetable fats as well as mineral oils.

Possible to convey a wide range of materials, in aggressive conditions.

Stability at high speeds

esbelt's TPU belts are completely uniform, with consistent thickness and finish throughout.

These characteristics are essential for working at high speeds and our belts remain perfectly centered, without oscillations or jolts.

Error-free and continuous workflow

Easier sorting process thanks to their homogeneous, matt, non-porous surface, avoiding distortion in the optical sorting.

Our belts remain completely flat and uniform along their entire length and move smoothly on the conveyor without vibrations.

Lower energy consumption

Belts with strong fabric but are lighter, longitudinally flexible and with a lower coefficient of friction than rubber belts. This results in lower energy consumption, reduced CO₂ emissions and lower stress on moving conveyor components such as rollers, motors, and gears.

