

Elastic Belts TPU, Fabric-free

esbelt.com

PRODUCT PRESENTATION

EP02DY-11-BL06 | EP02UYMT-10-BL06 | EB02UYMT-10-BK

High elasticity

Easy installation and tensioning.
Low load on the roller axes,
significantly reducing bearing wear and
avoiding failures.

100% TPU without fabrics

Food safety and reliability.
Homogeneous design eliminates
ply separation and prevents fiber
contamination.

Adaptability and diversity of uses

Light conveying in a wide range of
applications.
Low coefficient of friction compatible
with trough, slider bed and rollers.

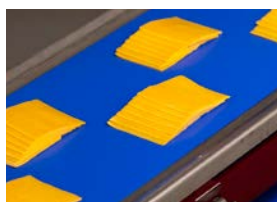
| | FOOD | | INDUSTRY & LOGISTICS |
|---------------------------|---|--|---|
| |  |  |  |
| | EP02DY-11-BL06 | EP02UYMT-10-BL06 | EB02UYMT-10-BK |
| Top cover | Pattern D | Mat | Mat |
| Bottom cover | Pattern Y | Pattern Y | Pattern Y |
| Total thickness | 1,1 mm | 1,0 mm | 1,0 mm |
| Minimum diameter | 10 mm | 10 mm | 10 mm |
| Working load at 8% elong. | 2 N/mm | 2 N/mm | 2 N/mm |
| Temperature resistance | -25 (-30) + 50 (+60) °C | -25 (-30) + 50 (+60) °C | -25 (-30) + 50 (+60) °C |
| Maximum roll width | 1200 mm | 1200 mm | 1200 mm |
| Recommended tension | 2% | 2% | 2% |
| Antistatic | ✗ | ✗ | ✓ |
| FDA & EU | ✓ | ✓ | ✗ |
| Fat resistance | ✓ | ✓ | ✓ |
| Abrasion resistance | ✓ | ✓ | ✓ |
| Antihydrolysis | ✓ | ✓ | ✓ |

Applications

Small conveyors without tensioner. Precision weighing and sorting. Cutting, filleting and packaging.

Sectors

Food, industry and logistics.



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