



### Aramid - brass conveyor belts

These belts are woven with 100 % aramid yarns on the upper layer which is in contact with the glass items, and with aramid yarns reinforced with brass for the lower layers (to prevent any marking). Their construction makes them very high temperature resistant. At the operating temperature, aramid fibers carbonize, making the belt very smooth, while brass filaments assure the heat dissipation. The specific blending of the fibers prevent from any marking, from thermal shocks and from micro-checks. The multilayer construction allows a good quality/price ratio, together with an excellent lifetime. Additional advantage: these belts are thermally resistant:

- => No pre-heating station
- => Safer and cleaner work place
- => Energy consumption reduced
- => Ecotax savings

### Applications

- Hot glass conveying in cristal -, tableware and CRT production: for temperatures around 400°C

### Thermal properties

900°C: fusion temperature of brass

450° to 500°C: decomposition of para-aramid fiber

### Chemical properties

<u>Resistance</u>	<u>Brass</u>	<u>aramid</u>
Acid:	low	low
Base:	good	low
Solvent:	good	good

### Physical properties

	<u>Brass</u>	<u>aramid</u>
UV resistance:	good	low

### Product specifications (example of some dimensions)

<u>Width</u>	<u>Thickness</u>	<u>Weight / meter</u>
300 mm	5,0 mm	+/- 1.296 g/m
200 mm	6,0 mm	+/- 800 g/m
400 mm	6,0 mm	+/- 1.820 g/m
600 mm	6,0 mm	+/- 2.470 g/m

Packaging: according to order  
Other dimensions: please contact us

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