

*„Speed up your production
with the new gauze belt 5000“*



Hygienic AmGauze belts for the Food industry



In most industries and especially the food industry, Ammeraal Beltech used to offer a full range of products to fulfil your application needs.

For the processing of vegetables, potatoes, fruit, and fish, our AmGauze belts with polyester monofilaments are the proven solution. AmGauze belts are also used in many other applications in e.g. the **meat & poultry**, the **furniture**, and the **rubber and tyre** industry.

Our high performance AmGauze belts are produced with lateral and longitudinal strips to provide stability. Executed with guide ropes for proper tracking and cleats for inclined conveying.

Ammeraal Beltech is the first belting company in the world that is able to supply gauze belts with a mesh opening of 5000 µm.

Main features

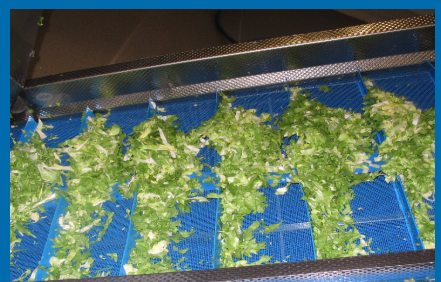
- Excellent drainage of liquid
- Closed belt edge possible
- Resistant against acids and solvents
- Special non-food blue colour
- Excellent tracking properties
- Bordoflex sidewalls and carriers for inclined conveying possible
- Many different mesh openings available
- Non-metallic endless method possible

Customer benefits

- High permeability resulting in high production output
- The right mesh opening for your process
- No fraying edges and no tracking problems
- Excellent hygienic and very good release of your products
- Tough and reliable running properties
- Reduced water waste

Typical application

- De-watering
- Washing and rinsing
- Drying and cooking (gas)



Innovation & Service in Belting

Technical information

AmGauze belts for the Food industry

Article No.	Description	Mesh opening* [10 ⁻⁶ m]	Thickness of yarns [mm]	Air permeability [l/m ² .s ; 100 Pa]	Belt thickness [mm]	Weight [kg/m ²]	Maximum width [mm]
FGZ1000BLUE	AmGauze 1000 Blue	1000	0.7/0.9	3640	1.77	0.82	2000
FGZ2000BLUE	AmGauze 2000 Blue	2000	1.0	5080	1.85	0.82	2000
FGZ3000BLUE	AmGauze 3000 Blue	3000	1.0	6000	1.85	0.61	2000
FGZ5000BLUE	AmGauze 5000 Blue	5000	1.4	7140	2.80	0.68	2000

* other mesh widths on request

Driving drum diameter is dependent of the use of accessories and ambient circumstances.

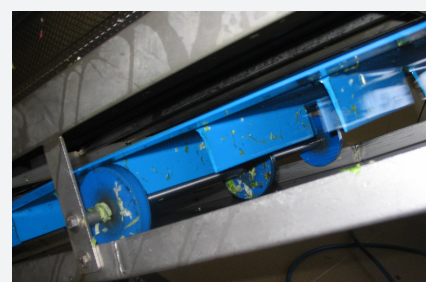
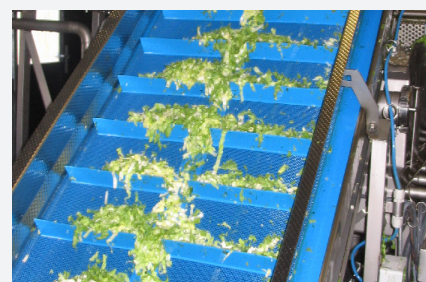
Accessories available

Carriers	PU, PVC or Amtel TPE-E
Guide ropes/strips	PVC or Amtel TPE-E
Bordoflex sidewall	PVC
Amseal closed belt edge	PVC or Amtel TPE-E

Properties of polyester gauze material

Humidity at 20°C	0.4%
Melting point	250-260 °C
Softening point	220-240 °C
Ambient temperature, dry	-75/130 °C

* final belt properties are determined by the properties of the carriers and strips.



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