



Teflon Food Drying Belts

PTFE open mesh belting is ideally suited for conveying products within highly efficient air distribution systems allowing optimised moisture removal to take place and is commonly used within ultra violet and infra red dryer units.

The open area allows maximum air flow optimising drying times whilst its extreme properties make it a natural choice for dryer manufactures.

Material Properties

- Temperature resistant from -73°C to plus 260°C
- Chemical Inertness
- Ultraviolet, Infra-red, microwave, radio frequency resistance
- Food Approval (USFDA)
- Non-Stick surface
- Lightweight and energy efficiency for economical operation

Applications

Teflon® Food Drying Belts are used in a wide number of a food product drying and air removal processes. The drying of cereals, crisps, seeds, breads & pet foods are only a few of the many processes our PTFE mesh belts can be used on. The belts usually operate with the use of hot air on gas dryer systems as well and microwave and infra red units. Other applications these style of belts can be used for are, Textile processing, nonwovens, charcoal interlinings, carpet tile manufacture, printed circuit board drying and shrink wrap tunnels to name a few.

Features / Benefits

PTFE open mesh conveyor belting is light weight and cost effective therefore is easy to handle and less expensive than wire alternatives that can be difficult to replace. Often supplied with a metallic clipper type fastener these style of belts can easily be removed and replaced therefore minimising downtime and saving money. This material can be offered in carbon loaded black therefore providing antistatic properties.

Additional Information

- 4x4 open area mesh is available in widths up to 5000mm wide and can be supplied at any length required.
- In addition film, glass or kevlar can be applied as edge reinforcement depending of the environment it will be used within.
- There are various methods of joining screen-printing belts however the metallic clipper or spiral types are more typical.



Shaw Lodge Mills | Simmonds Lane | Halifax HX3 9ET

t: 01422 366386 f: 01422 344453 e: sales@techbelt.com